

**ENVIRONMENTAL PROTECTION INSCAT  
(INSURV INSPECTOR CATALOG)  
INSPECTION PREPARATION AND SELF-EVALUATION CHECKLIST  
JANUARY 2003**

**This checklist provides a list of all potential material items that the INSURV inspector may evaluate, as applicable, during the inspection. References are provided with each inspection item. The final deficiency cards will be written using the same or similar wording to these standard cards. Technical Assistants will be used to evaluate and demonstrate CHT, oil pollution, and solid waste equipment and provide a list of any deficiencies to the EP inspector.**

INSURV Report for: EP Department

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2GEP            AIR POLLUTION, TRAINING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: AIR POLLUTION

PERSONNEL WHOSE TASK OR WATCH ASSIGNMENTS MAY RESULT IN AIR  
POLLUTION WERE NOT TRAINED ON THE PROPER USE OF THE MATERIAL  
OR WAYS TO MINIMIZE AIR POLLUTION.

(EXAMPLES - CHIPPING PAINT ON DECK, BLOWING BOILER TUBES,  
CLEANING PAINT BRUSHES ON DECK, SPRAY PAINTING TOPSIDE).

OPNAVINST 5090.1B, 19-4.3.3

JSN :

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2GEP            AIR POLLUTION, TRASH INCINERATOR:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: INCINERATOR

THE SHIP DID NOT TAKE ACTIONS TO REDUCE/PREVENT EMISSION OF  
ASH FROM THE TRASH INCINERATOR.

OPNAVINST 5090.1B, 19-4.3.3  
NSTM 593  
INCINERATOR TECH MANUAL S9593-CN-MMA-010  
INCINERATOR TECH MANUAL S9593-CG-MMC-010

JSN :

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2GEP            AIR POLLUTION, VOLATILE ORGANIC COMPOUNDS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VOC

THE PAINT MIXING AND ISSUE ROOM/LOCKER WAS NOT LABELED WITH  
A PLACARD STATING "THINNING OF MARINE COATINGS/PAINTS IS

PROHIBITED.

OPNAVINST 5090.1B CH19-4.3.2

JSN :

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2GEP CHT, COAMING FLOODING ALARMS:

Serial # : Loc : RAC :

W\C : CSMP Name: COAMING

REQUIRED FLOODING DETECTOR WAS MISSING IN THE SEWAGE HOLDING  
TANK SPACE/COAMING (SPECIFY SPACE).

NSTM 593

SHIP SPEC 436 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

NAVSEAINST 9593.1B

JSN :

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2GEP CHT, COLOR CODING VALVE HANDLES:

Serial # : Loc : RAC :

W\C : CSMP Name: VALVE HANDLES

SEWAGE SYSTEM VALVE WHEELS AND HANDLES WERE NOT COLOR  
CODED GOLD.

(SPECIFY LOCATIONS, NOT REQUIRED ON WEATHER DECKS).

NSTM 507

SHIP SPEC 602 AND 593 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

NAVSEAINST 9593.1B

JSN :

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2GEP CHT, COMMUNICATOR:

Serial # : Loc : RAC :

W\C : CSMP Name: COMMUNICATOR

COMMUNICATOR WAS:

- INSTALLED BACKWARDS.
- RUNNING BACKWARDS.
- DID NOT HAVE REQUIRED MAINTENANCE ACCESS.

NSTM 593

SHIP SPEC 593 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

NAVSEAINST 9593.1B

JSN :

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2GEP CHT, DECK RISERS:

Serial # : Loc : RAC :

W\C : CSMP Name: DECK RISERS

- THE SEWAGE DECK RISER AT \_\_\_\_\_ HAD NO LABEL PLATES.
- THE SEWAGE OVERBOARD DECK RISER DID NOT HAVE AIR BLOW-OUT  
FITTINGS INSTALLED.
- THE SEWAGE OVERBOARD DECK RISER WAS MISSING A KEEPER

CHAIN.

- THE SEWAGE OVERBOARD DECK RISER WAS NOT PROPERLY ORIENTED FOR SHORE HOSE HOOKUP.
- THE DECK RISER STATION WAS NOT FITTED WITH A CAMLOCK OR SIMILAR FITTING.
- A TRANSFER OPERATING INSTRUCTION PLACARD WAS MISSING AT THE DECK RISER STATION.
- THE PADEYE WAS MISSING NEAR THE SEWAGE DISCHARGE DECK RISER TO ASSIST IN HAULING-UP AND LASHING THE SEWAGE HOSES IN PLACE.

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, DIVERTER VALVES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VALVES

THE CHT DIVERTER VALVE WAS INOPERABLE (SPECIFY LOCATION AND CAUSE OF INOPERABILITY)/HAD THE FOLLOWING DEFICIENCIES:

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, EEED'S:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: EEED

EEED'S WERE NOT INSTALLED AS REQUIRED IN THE FOLLOWING CHT PUMPROOMS, OR COMMUNICATOR SPACES (SPECIFY):

NSTM 555  
MIP 722/025-41 (A-8)

JSN :

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2GEP            CHT, ELECTRICAL CONTROL SCHEMATIC:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SCHEMATIC

THE (SPECIFY MODEL) ELECTRICAL CONTROL SCHEMATIC WAS NOT POSTED INSIDE THE CONTROL PANEL AT (SPECIFY LOCATION).

DESIGN MANUAL  
NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, EXHAUST VENTILATION:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VENTILATION

- THE EXHAUST VENTILATION TERMINAL IN SEWAGE PUMP ROOM NR\_\_\_\_ DID NOT EXTEND TO WITHIN 9 INCHES OF THE DECK.
- THE EXHAUST VENTILATION TERMINAL IN SEWAGE PUMP ROOM NR\_\_\_\_ WAS INOPERATIVE.
- AN EXHAUST VENTILATION TERMINAL WAS NOT INSTALLED.
- THE SPACE WAS NOT EQUIPPED WITH AN AIR FLOW ALARM, CIRCUIT HF.

NSTM 512/513  
NAVSEA 0938-LP-018-0010 VENTILATION DESIGN CRITERIA MANUAL,  
SHEET 3H  
NAVSEAINST 9593.1B  
GEN SPECS 437

JSN :

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2GEP            CHT, FIREMAIN FLUSHING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: FLUSHING

- THERE WAS AN ABSENCE OF A SEWAGE FLUSHING CONNECTION FROM THE FIREMAIN TO THE SEWAGE PUMP DISCHARGE LINE, JUST DOWNSTREAM OF THE DISCHARGE PLUG AND CHECK VALVES.
- THE SEWAGE FLUSHING CONNECTION DID NOT HAVE A CUTOUT VALVE AND A CHECK VALVE AT (SPECIFY LOCATION).

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, FLOODING ALARMS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: FLOODING ALARM

- THE CHT FLOODING ALARM WAS INOPERATIVE (SPECIFY LOCATION AND CAUSE OF INOPERABILITY).
- THE CHT FLOODING ALARM DID NOT ACTUATE IN CCS/DC CENTRAL (SPECIFY LOCATION).

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, FLUSH PUSHBUTTONS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PUSHBUTTONS

- \_\_\_\_ OF \_\_\_\_ COMMODE/URINAL FLUSH PUSHBUTTONS INSPECTED WERE INOPERATIVE (SPECIFY LOCATIONS AND CAUSE OF INOPERABILITY).
- \_\_\_\_ OF \_\_\_\_ COMMODE/URINAL FLUSH PUSHBUTTONS INSPECTED DID NOT ACTUATE M/T PUMP FOR 10-12 SECONDS (SPECIFY LOCATIONS).

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP CHT, FLUSHING WARNING SIGN:

Serial # : Loc : RAC :

W\C : CSMP Name: SIGN

THE FOLLOWING WARNING LABEL WAS ILLEGIBLE/MISSING AT  
(SPECIFY LOCATION):  
"HARD OBJECTS IF FLUSHED MAY DAMAGE MACERATOR/TRANSFER  
PUMPS".

DESIGN MANUAL  
NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP CHT, GAGES:

Serial # : Loc : RAC :

W\C : CSMP Name: GAGES

- GAGE DID NOT HAVE A CURRENT CALIBRATION/NCR STICKER  
(SPECIFY LOCATION):  
- GAGE WAS BROKEN/INOP (SPECIFY LOCATION):  
- GAGE WAS NOT INSTALLED AS REQUIRED/WRONG PART (SPECIFY  
LOCATION):

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP CHT, GAS SAMPLING VALVE:

Serial # : Loc : RAC :

W\C : CSMP Name: SAMPLING VALVE

THE CHT TANK MANHOLE COVER WAS NOT PROVIDED WITH A MONEL 1/2  
INCH GAS SAMPLING VALVE AT (SPECIFY LOCATION).

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP CHT, HYDROGEN SULFIDE ALARM:

Serial # : Loc : RAC :

W\C : CSMP Name: HYDROGEN SULFIDE

- HYDROGEN SULFIDE ALARM WAS INOP.  
- HYDROGEN SULFIDE ALARM FAILED TO ALARM/SOUND IN CCS.  
- HYDROGEN SULFIDE ALARM CONDITION LIGHT WAS BURNED OUT.

SHIP SPECIFIC SHIPALTS:  
CV-7904K CVN-7905K LCC-1126K  
LKA-1229K LPD-992K AGF-992K

LPH-1101K      LSD-36-439K      LSD-41-1072K  
AD-2010K      AE-1363K      AFS-619K  
AO-20963K      AOE-664K      AS-2356K  
ARS-38-513K      AOR-670K      AE-1362K  
ARS-50-1062K  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP              CHT, ILS DOCUMENTATION:  
Serial # :      Loc :      RAC :  
W\C :      CSMP Name: ILS

CORRECT AND CURRENT COPIES OF THE FOLLOWING INTEGRATED  
LOGISTICS SUPPORT DOCUMENTATION WAS NOT ON BOARD:  
-SHIP INFORMATION BOOK (SIB).  
-SYSTEM DRAWINGS.  
-SYSTEM AND EQUIPMENT TECHNICAL MANUALS.  
-DC DIAGRAMS.  
-PLANNED MAINTENANCE SYSTEM (PMS) DOCUMENTATION.  
-EOSS.  
-APLS.

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP              CHT, PHONE COMMUNICATION:  
Serial # :      Loc :      RAC :  
W\C :      CSMP Name: PHONE COMM

- PHONE COMMUNICATION WAS NOT PROVIDED IN SEWAGE PUMP ROOM  
NR\_\_\_\_\_.  
- PHONE CONNECTION WAS NOT PROVIDED AT THE SEWAGE HIGH LEVEL  
ALARM REMOTE LOCATION.  
- PHONE CONNECTION WAS NOT PROVIDED AT THE SEWAGE DECK  
DISCHARGE STATION.  
- PHONE CIRCUIT LABEL WAS MISSING IN THE PUMP  
ROOM/CCS/DISCHARGE STATION.

NSTM 593-4.45  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP              CHT, PIPE LABELING:  
Serial # :      Loc :      RAC :  
W\C :      CSMP Name: PIPE LABELS

SEWAGE SYSTEM PIPING WAS NOT ADEQUATELY MARKED AS TO THE  
CONTENT/DIRECTION OF FLOW AT THE FOLLOWING LOCATIONS:

NSTM 593-4.43  
NAVSEAINST 9593.1B

NSTM 593

JSN :

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2GEP CHT, PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: PIPING

- CHT PIPING WAS LEAKING AT THE FOLLOWING LOCATION:
- CHT PIPING WAS INCORRECTLY INSTALLED AT THE FOLLOWING LOCATION:
- CHT PIPING WAS CORRODED.
- CHT PIPING WAS INCORRECTLY LAGGED IN THE FOLLOWING LOCATION:

SHIP SPEC 593 (DDG-51 AND LHD-2 AT/FCT'S ONLY)  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP CHT, PLACARD CONNECTION STATION WARNING:

Serial # : Loc : RAC :

W\C : CSMP Name: PLACARD

THE FOLLOWING REQUIRED PLACARD WAS NOT POSTED AT THE  
DECK SEWAGE CONNECTION STATION(SPECIFY LOCATION):

"SANITARY AND HEALTH PRECAUTIONS - 1. PERSONNEL SHALL NOT EAT, DRINK OR SMOKE DURING HOSE CONNECT OR DISCONNECT PROCEDURES. 2. UPON COMPLETION OF HOSE CONNECT AND DISCONNECT PROCEDURES, PERSONNEL SHALL WASH HANDS, LOWER ARMS AND FACE, IN THAT ORDER, WITH HOT POTABLE WATER."

NAVSEAINST 9593.1B  
NSTM 593  
OPNAVINST 5090.1B, 19-14.10

JSN :

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2GEP CHT, PLACARD FLOODING ALARM:

Serial # : Loc : RAC :

W\C : CSMP Name: PLACARD

- A SAFETY PLACARD WAS NOT INSTALLED IN THE PUMP ROOM.
- A SAFETY PLACARD WAS NOT INSTALLED AT EACH HIGH LEVEL ALARM STATION WHERE ANY DRAINS, HEADS OR FIXTURES WERE LOCATED BELOW THE OVERFLOW DISCHARGE LINES (SPECIFY LOCATION).

PLACARD MUST READ: "WARNING - WHENEVER A HIGH LEVEL ALARM SOUNDS, IMMEDIATE ACTION MUST BE TAKEN TO CLOSE THE ISOLATION VALVES OR DRAINS BELOW THE OVERBOARD DISCHARGE AND TO DIVERT UPPER LEVEL DRAINS OVERBOARD TO PRECLUDE FLOODING OF SPACES." (SPECIFY LOCATIONS).

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PLACARD GATX WARNING LABEL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: GATX LABEL

THE FOLLOWING LABEL WAS NOT POSTED IN THE VICINITY OF THE  
CHT PUMP:

"CAUTION, CONTACT WITH RAW SEWAGE COULD BE A HEALTH HAZARD.  
SOIL PIPING SHOULD BE DRAINED AND FLUSHED BEFORE SERVICING  
M/T PUMPS, CHECKING VALVES OR SOIL DRAINS. MAINTENANCE  
PERSONNEL SHOULD WASH PROMPTLY WITH SOAP AND WATER AFTER  
MAINTENANCE ACTIONS HAVE BEEN COMPLETED".

GATX DESIGN MANUAL  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PLACARD NO EATING/ DRINKING/SMOKING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PLACARDS

- HEALTH WARNING PLACARD (NO EATING, DRINKING OR SMOKING)  
WAS NOT CONSPICUOUSLY POSTED IN THE SEWAGE PUMP AND  
COMMUNUTER ROOM.  
- HEALTH WARNING PLACARD (NO EATING, DRINKING OR SMOKING)  
WERE NOT LEGIBLE IN THE SEWAGE PUMP AND COMMUNUTER ROOM.

SHIP SPECS 602 (DDG-51 AND LHD-2 AT/FCT'S ONLY)  
NAVMED P-5010-7  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PLACARD PROTECTIVE EQUIP/SPILL LOCKER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PPE LOCKER

THE SEWAGE STOWAGE LOCKER DID NOT HAVE THE FOLLOWING PLACARD  
POSTED ON THE DOOR: (SPECIFY LOCATION)

"WARNING: THIS LOCKER IS FOR STOWAGE OF CLEANING GEAR AND  
PROTECTIVE CLOTHING ONLY. DO NOT STORE SOILED PROTECTIVE  
CLOTHING OR GEAR. WASH CLEANING GEAR (SWABS, BUCKETS, ETC)  
THOROUGHLY BEFORE RETURNING TO LOCKER."

NSTM 671  
NAVSEAINST 9593.1B  
NSTM 593



JSN :

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2GEP            CHT, PLACARD PUMP ROOM ACCESS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ACCESS

THE CHT PUMP ROOM ACCESS WAS NOT POSTED WITH THE FOLLOWING  
PLACARD: (SPECIFY LOCATIONS AND PORTIONS OF WARNING  
MISSING).

- "WARNING - SEWAGE SPILLS CAN PRODUCE HAZARDOUS GASES".
- "WARNING - USE EEBD MOUNTED IN PUMP ROOM FOR EMERGENCY  
ESCAPE IN EVENT OF SEWAGE SPILL ".
- "WARNING - FOLLOW SAFETY PROCEDURES IN NAVSHIPS TECHNICAL  
MANUAL, "POLLUTION CONTROL", NAVSEA S9086-T8-STM-000/ CH  
593, DURING SYSTEM MAINTENANCE OR SPILL CLEAN UP ".
- "WARNING - USE OBA FOR EMERGENCY RESCUE AND DAMAGE CONTROL  
(SECURING OF FLOODING)".

NAVSEA S9086-T8-STM-010/CH 593  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PLACARD SINK FLOODING WARNING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: FLOODING ALARM

A SAFETY WARNING PLACARD WAS NOT POSTED AT THE MSD PUMP  
SPACE SERVICE SINK. A PLACARD IS REQUIRED TO STATE THAT THE  
EDUCTOR MUST BE ACTIVATED WHEN USING THE SINK, TO AVOID  
FLOODING THE COAMING.

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PLACARD TANK ACCESS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ACCESS

THE CHT TANK ACCESS WAS NOT POSTED WITH THE FOLLOWING  
PLACARD: (SPECIFY LOCATION)

"WARNING - TOXIC OR EXPLOSIVE GASES MAY EXIST IN THE TANK.  
DO NOT OPEN UNLESS AT SUITABLE INDUSTRIAL ACTIVITY AND TANK  
HAS BEEN CERTIFIED GAS-FREE IN ACCORDANCE WITH THE  
REQUIREMENTS OF NAVAL SHIPS TECHNICAL MANUAL, ENTITLED  
"POLLUTION CONTROL", PUBLICATION NAVSEA S9086-T8-STM-000/CH  
593."

NSTM 593-4.2  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, PLACARDS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PLACARD

(NOTE: USE THIS CARD FOR MISC PLACARDS FOR WHICH THERE IS NO  
CURRENT DEFI CARD)

THE FOLLOWING PLACARD WAS NOT POSTED AT (SPECIFY LOCATION):

"SANITARY AND HEALTH PRECAUTIONS - 1. PERSONNEL SHALL  
NOT EAT, DRINK OR SMOKE DURING HOSE CONNECT OR  
DISCONNECT PROCEDURES. 2. UPON COMPLETION OF HOSE  
CONNECT AND DISCONNECT PROCEDURES, PERSONNEL SHALL WASH  
HANDS, LOWER ARMS AND FACE, IN THAT ORDER, WITH HOT  
POTABLE WATER."

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PROBES AND INDICATORS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PROBES

- THE PROBES WERE FOULED IN THE SEWAGE PLANT INDICATING A  
FALSE DISCHARGE INDICATION.  
- THE FOLLOWING INDICATORS WERE INOPERABLE:

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, PUMP CHECK VALVE:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CHECK VALVE

THE SEWAGE PUMP DID NOT HAVE THE REQUIRED MANUAL LIFT CHECK  
VALVE INSTALLED ON THE DISCHARGE SIDE OF THE PUMP (SPECIFY  
LOCATION).

NSTM 593/503  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, PUMP SEALS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SEALS

THE SEWAGE SYSTEM PUMP AT \_\_\_\_\_ HAD MECHANICAL SEALS  
LEAKING SEWAGE.

NSTM 593-4.95  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, PUMPS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CHT PUMP

- (SPECIFY GATX, JARED, VCHT)
- M/T PUMP WAS INOPERATIVE (SPECIFY LOCATION AND CAUSE OF INOPERABILITY).
  - M/T PUMP WAS INOPERATIVE (SPECIFY LOCATION AND CAUSE OF INOPERABILITY).
  - M/T PUMP WAS EXCESSIVELY NOISY/VIBRATED (SPECIFY LOCATION AND CAUSE OF INOPERABILITY).
  - PUMP START (DUTY) DID NOT ACTIVATE DUTY PUMP.

NSTM 593-4.95  
NAVSEAINST 9593.1B

JSN :

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2GEP            CHT, REMOTE OPERATING GEARS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ROG

- SEWAGE SYSTEM ROG REACH ROD FOR THE SEWAGE PLUMBED DRAIN VALVE WAS SEIZED IN PLACE.
- SEWAGE SYSTEM ROG REACH ROD FOR THE SEWAGE VALVE HAD NOT BEEN GREASE LUBRICATED.
- SEWAGE SYSTEM ROG REACH ROD WAS DISCONNECTED (SPECIFY LOCATION).
- DECK BOX COVER FOR THE SEWAGE REMOTELY OPERATED VALVE WAS SEIZED IN PLACE (LIST):
- VALVE POSITION INDICATOR (OPEN/SHUT) WAS NOT INSTALLED ON ROG.

NSTM 505

JSN :

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2GEP            CHT, SANITATION HANDWASHING SINK:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SINK

- POTABLE WATER FOR HANDWASHING WAS NOT AVAILABLE WHERE REQUIRED FOR PERSONNEL ENGAGED IN SEWAGE MAINTENANCE OPERATIONS (SPECIFY LOCATION).
- SOAP DISH/DISPENSER WAS NOT INSTALLED OR FILLED.
- ELECTRIC HAND DRYER OR TOWEL DISPENSER WAS NOT INSTALLED OR FILLED NEAR THE SINK.

NSTM 593  
NAVMED P-5010  
OPNAVINST 5100.19D, C1502

JSN :

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2GEP CHT, SEWAGE LEAKS:

Serial # : Loc : RAC :

W\C : CSMP Name: LEAKS

- SEWAGE SYSTEM PIPING WAS LEAKING AS LISTED:
- SEWAGE SYSTEM VALVES WERE LEAKING AS LISTED:

NSTM 593

JSN :

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2GEP CHT, SEWAGE PUMP COAMING:

Serial # : Loc : RAC :

W\C : CSMP Name: COAMING

- SEWAGE PUMP WAS NOT ENCLOSED IN A 2 TO 4 INCH HIGH COAMING.
- SEWAGE PUMP WAS NOT ENCLOSED IN A 24 INCH HIGH COAMING (NON-DEDICATED SPACE) (SPECIFY LOCATION).
- RAISED WALKWAYS OR GRATING WAS NOT PROVIDED IN ANY SEWAGE SPACE WITHOUT INSTALLED CONTAINMENT COAMING (SPECIFY LOCATION).

NAVSEAINST 9593.1B

NSTM 593

NSTM 503

JSN :

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2GEP CHT, SEWAGE PUMP GAGE SEALS:

Serial # : Loc : RAC :

W\C : CSMP Name: PUMP

- SEWAGE PUMP SUCTION AND DISCHARGE GAGE DID NOT HAVE DIAPHRAGM SEALS OR RING ISOLATORS INSTALLED TO PRECLUDE CLOGGING OF THE GAGE AND GAGE LINES BY SEWAGE SOLIDS (SPECIFY LOCATIONS).
- GAGE WAS NOT GRADUATED IN FEET OF WATER (SPECIFY LOCATION).

NAVSEAINST 9593.1B

JSN :

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2GEP CHT, SEWAGE PUMPS ALTERNATING:

Serial # : Loc : RAC :

W\C : CSMP Name: CHT PUMPS

SEWAGE PUMPS DID NOT ALTERNATE DUTY/STANDBY PUMP WITH EACH CYCLE OF OPERATION.

NSTM 593-4.31  
NAVSEAINST 9593.1B

JSN :

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2GEP CHT, SEWAGE SYSTEM DRIP PANS:

Serial # : Loc : RAC :

W\C : CSMP Name: DRIP PANS

THE SEWAGE SYSTEM (VALVES, FLANGES, ETC) DID NOT HAVE  
REMOVABLE DRIP PANS INSTALLED:

- IN FOOD STOREROOMS AND SPACES.
- IN BERTHING COMPARTMENTS.
- IN MEDICAL SPACES.
- UNDER COMMINTORS.
- IN THE FOLLOWING SPACES DIRECTLY ABOVE BILGES CONTACTING  
POTABLE WATER TANK BOUNDARIES.

SEWAGE DRAIN LINE TAKEDOWN JOINTS DID NOT HAVE REMOVABLE  
DRIP PANS:

- IN FOOD STOREROOMS AND SPACES.
- IN BERTHING COMPARTMENTS.
- IN MEDICAL SPACES.
- IN THE FOLLOWING SPACES DIRECTLY ABOVE BILGES CONTACTING  
POTABLE WATER TANK BOUNDARIES.

NSTM 593

JSN :

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2GEP CHT, SEWAGE TANK AERATION SYSTEM:

Serial # : Loc : RAC :

W\C : CSMP Name: AERATION

- THE SEWAGE TANK AERATION SYSTEM WAS INOPERATIVE.
- AIR COMPRESSOR PRESSURE GAGE OR RELIEF VALVE WAS  
INOPERATIVE.

NSTM 593

JSN :

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2GEP CHT, SEWAGE TANK ZINCS:

Serial # : Loc : RAC :

W\C : CSMP Name: CHT TANK

SEWAGE HOLDING TANK DID NOT HAVE ZINCS INSTALLED. (SPECIFY  
LOCATION).

NSTM 593

JSN :

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2GEP CHT, SPILL KIT EQUIPMENT:

Serial # : Loc : RAC :

W\C : CSMP Name: CHT SPILL KIT

THE FOLLOWING ITEMS WERE NOT PROVIDED IN THE SEWAGE SPILL  
KIT LOCKERS:

ONE SET OF CLOTHING EACH:

- COVERALLS.
- GOGGLES.
- HOOD TYPE HATS.
- RUBBER BOOTS.
- DISSOLVABLE LAUNDRY BAGS (NSN 8465-00-436-9652).
- CANVAS LAUNDRY BAGS.
- SELF-CONTAINED OXYGEN BREATHING APPARATUS (OBA).

THE CHT SPILL KIT WAS LOCATED INSIDE THE SPACE CONTAINING  
MSD PUMPING EQUIPMENT OR SEWAGE HOLDING TANKS VICE IN AN  
ADJACENT AREA.

THE FOLLOWING EQUIPMENT/FACILITIES WERE NOT PROVIDED WITHIN  
THE MSD SPACES:

- HOT AND COLD RUNNING WATER (DEEP SINK).
- BETADINE SURGICAL SOAP (NSN 6505-00-914-3593).
- WESCODYNE DISINFECTANT (NSN 6840-00-526-1129).
- DISPOSABLE TOWELS, SIMILAR TO HANDI WIPES.
- CLOTH TOWELS.
- PLASTIC TRASH CAN BAGS.

NAVMED P-5010-7

NSTM 593-4.87

JSN :

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2GEP CHT, SUMP EDUCTOR:

Serial # : Loc : RAC :

W\C : CSMP Name: EDUCTOR

THE DRAINAGE EDUCTOR FAILED TO EVACUATE THE SUMP IN PUMP  
ROOM NR\_\_\_\_\_ (SPECIFY LOCATION).

NSTM 593

JSN :

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2GEP CHT, SYSTEM CERTIFICATION:

Serial # : Loc : RAC :

W\C : CSMP Name: SYSTEM CERT

THE SHIP'S SEWAGE SYSTEM CERTIFICATION LETTER WAS NOT  
AVAILABLE.

(NO SPECIFIC PERIODICITY - CERTIFICATE ISSUED PRIOR TO FINAL  
CONTRACT TRIAL AND AFTER SIGNIFICANT OVERHAUL OR CHANGES TO  
THE SYSTEM).

OPNAVINST 5090.1B, 19-14.10A

JSN :

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2GEP            CHT, SYSTEM EOSS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: EOSS

- PLANT OPERATING GUIDE (EOSS) WAS NOT AVAILABLE.
- PLANT OPERATING GUIDE (EOSS) WAS NOT USED.
- PLANT OPERATING GUIDE (EOSS) WAS INACCURATE (SPECIFY).

NSTM 086  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, TANK ALARMS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: TANK ALARMS

- THE CHT TANK ALARMS HAD THE FOLLOWING DEFICIENCIES:
- THE SEWAGE TANK HIGH LEVEL ALARM WAS INCORRECTLY SILENCED FROM MAIN CONTROL(CCS,DCC0). SILENCING ANY AUDIBLE ALARM AT ONE STATION SHALL NOT SILENCE AN AUDIBLE ALARM AT ANOTHER STATION. THE VISUAL ALARMS SHALL NOT BE CAPABLE OF BEING DEACTIVATED.
  - AN AUDIBLE CHT TANK HIGH LEVEL ALARM WAS NOT PROVIDED IN THE FOLLOWING LOCATIONS:
  - A VISUAL CHT TANK HIGH LEVEL ALARM WAS NOT PROVIDED IN THE FOLLOWING LOCATIONS:

CHT DESIGN CRITERIA MANUAL  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            CHT, TANK LEVEL SENSORS AND ALARMS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SENSORS

- LEVEL SENSOR, LOCATED AT ABOUT 15 PERCENT OF TANK CAPACITY, DID NOT ACTIVATE THE LOW LEVEL ALARM.
- LEVEL SENSOR, LOCATED AT ABOUT 1/3 TANK CAPACITY, DID NOT CUT OFF EITHER OR BOTH PUMPS.
- LEVEL SENSOR, LOCATED AT ABOUT 2/3 TANK CAPACITY, DID NOT ACTIVATE DUTY PUMP.
- LEVEL SENSOR, LOCATED AT ABOUT 85 PERCENT OF TANK CAPACITY, FAILED TO ACTIVATE THE HIGH (LEVEL ALARM AND START THE STANDBY PUMP.

NSTM 593  
NAVSEA 9593.1B  
OPNAVINST 5100.19D

JSN :

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2GEP CHT, TANK VENT AND OVERFLOW LINES:

Serial # : Loc : RAC :

W\C : CSMP Name: OVERFLOW LINES

- TANK WAS NOT PROVIDED WITH A VENT AND OVERFLOW LINE (SPECIFY LOCATION).
- SEWAGE HOLDING TANK VENT VALVE WAS NOT LOCKED IN THE OPEN POSITION.

NSTM 593

NSTM 506

JSN :

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2GEP CHT, TYPE II MARINE SANITATION DEVICE, EFFLUENT SAMPLING:

Serial # : Loc : RAC :

W\C : CSMP Name: TPE II MSD

- MSD EFFLUENT QUALITY WAS NOT TESTED PER OPNAVINST 6050.4.
- A TEST KIT WAS NOT AVAILABLE.
- AN EFFLUENT SAMPLING CONNECTION WAS NOT INSTALLED.

OPNAVINST 6050.4

NSTM 593

33 CFR 159

OPNAVINST 5090.1B

MRC CARD

JSN :

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2GEP CHT, URINALS:

Serial # : Loc : RAC :

W\C : CSMP Name: URINALS

\_\_\_\_\_ OF \_\_\_\_\_ URINALS DID NOT HAVE A CITRIC ACID SCALE PREVENTION TABLET IN THE BOWL TO ASSIST IN PREVENTION OF HARD PIPE SCALE BUILDUP. (TABLET 9G-6810-01-362-0042) (NOT REQ'D FOR MCM-1 CLASS).

NSTM 593-4.102

JSN :

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2GEP CHT, VALVE LABELS:

Serial # : Loc : RAC :

W\C : CSMP Name: VALVE LABELS

- INDICATOR LABEL PLATE STATING "TO CHT TANK" AND "TO OVERBOARD" WAS NOT SECURELY ATTACHED TO THE VALVE BODY (SPECIFY VALVE LOCATION).
- SEWAGE VALVE WAS NOT LABELED WITH SERVICE LOCATION NUMBER, DAMAGE CONTROL CLASSIFICATION, AND DIRECTION LABEL PLATE (SPECIFY VALVE LOCATION).
- THE FOLLOWING CHT VALVES WERE MISSING SERVICE AND LOCATION NUMBER LABELS:

NSTM 593-4.43



NAVSEAINST 9593.1B  
NSTM 507

JSN :

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2GEP            CHT, VALVES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VALVES

- CHT VALVES WERE LEAKING (SPECIFY LOCATIONS):
- CHT VALVES WERE INACCESSIBLE/INOP/WRONG TYPE (SPECIFY LOCATION):

NSTM 593  
SHIP SPEC 593

JSN :

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2GEP            CHT, WARNING AND OP/MAINT PLACARDS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PLACARDS

- AIRFLOW ALARM WARNING PLACARD WAS/WERE NOT INSTALLED IN PUMP ROOM NR\_\_\_\_\_ (GSO 437).
- HYDROGEN SULFIDE ALARM WARNING PLACARD WAS NOT INSTALLED IN PUMP ROOM NR\_\_\_\_\_.
- MAINTENANCE PRECAUTION PLACARD WAS NOT INSTALLED IN PUMP ROOM NR\_\_\_\_\_ (NAVSEA T9500-AA-PRO-100 PARA 3.1.84).
- OPERATING INSTRUCTION AND SYSTEM SCHEMATIC WAS NOT POSTED IN PUMP ROOM NR\_\_\_\_\_ (NAVSEAINST 9593.1B).

NAVSEA T9500-AA-PRO-100, PARA 3.1.84  
NAVSEAINST 9593.1B  
GSO 437

JSN :

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2GEP            CHT, WASHDOWN CONNECTIONS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: WASHDOWN

- 3/4 INCH WASHDOWN CONNECTION TO A SANITARY FLUSHING CONNECTION WAS NOT INSTALLED IN THE FOLLOWING LOCATIONS:
- HOSE WAS NOT AVAILABLE FOR WASHDOWN OF PUMP ROOM.

NSTM 593

JSN :

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2GEP            CHT, WATER CLOSETS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: WATER CLOSETS

- IN THE FOLLOWING LOCATIONS (SPECIFY):
- WATER CLOSET FLUSHOMETERS WERE DAMAGED/INOP.
  - THERE WAS INSUFFICIENT CLEARANCE FOR ACCESS TO WATER CLOSET COMPONENTS.

- THE WATER CLOSET HAD BROKEN OR CHIPPED PORCELAIN.
- THE WATER CLOSET HAD A LACK OF FLUSHING WATER PRESSURE.

NSTM 593

JSN :

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2GEP EP MNGMNT, AEPC TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: AEPC

- THE ASSIGNED AFLOAT ENVIRONMENTAL PROTECTION COORDINATOR/COMPLIANCE OFFICER HAD NOT COMPLETED THE AEPC COURSE, A-4J-0021, OR INTERACTIVE COURSEWARE WITHIN 6 MONTHS OF BEING ASSIGNED THE DUTY.
- THE ASSIGNED AFLOAT ENVIRONMENTAL PROTECTION COORDINATOR/COMPLIANCE OFFICER HAD NOT COMPLETED WATCHSTATION 303 IN THE HAZARDOUS MATERIAL/ENVIRONMENTAL PROTECTION PROGRAMS AFLOAT PERSONNEL QUALIFICATION STANDARD (PQS) NAVEDTRA 43528-A, WITHIN 6 MONTHS OF BEING ASSIGNED THE DUTY.

OPNAVINST 5090.1B, CHG 1, ART. 24-4.3.6 & 19-2.2.7

JSN :

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2GEP EP MNGMNT, ANNUAL EP AWARENESS TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: EP TRAINING

DOCUMENTATION WAS NOT AVAILABLE TO VERIFY THAT ALL HANDS HAD RECEIVED ANNUAL ENVIRONMENTAL PROTECTION AWARENESS TRAINING.

ANNUAL ALL-HANDS ENVIRONMENTAL TRAINING DID NOT INCLUDE:

- THE NAVY'S COMMITMENT TO ENVIRONMENTAL PROTECTION.
- THE COMMAND ENVIRONMENTAL PROTECTION PROGRAM.
- THE MEMBER'S RESPONSIBILITY WITH REGARD TO THIS PROGRAM.

NOTE: IN ADDITION TO EXPLAINING THE SHIP'S ENVIRONMENTAL PROGRAM, VIDEOTAPE "YOUR SHIP, THE ENVIRONMENT AND YOU" PIN 806435 (1999) MAY BE USED TO SATISFY THE TOPIC REQUIREMENTS FOR ANNUAL ENVIRONMENTAL AWARENESS TRAINING.

OPNAVINST 5090.1B, 19-2.2.7 AND 24-4.1

JSN :

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2GEP EP MNGMNT, CHT OPERATOR TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: OP TRNG

PERSONNEL WHO OPERATED OR MAINTAINED SEWAGE DISPOSAL OR TRANSFER EQUIPMENT HAD NOT COMPLETED THE SHIPBOARD SEWAGE COLLECTION, HOLDING, TRANSFER (CHT), AND TREATMENT PQS, NAVEDTRA 43199C, PRIOR TO ASSIGNMENT TO THOSE DUTIES.

OPNAVINST 5090.1B, 19-3.4 & 19-14.10E

JSN :

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2GEP EP MNGMNT, CHT SUPERVISOR TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: SUP TRNG

PERSONNEL WHO SUPERVISE SEWAGE AND GRAYWATER DISPOSAL HAD NOT COMPLETED THE SHIPBOARD SEWAGE, COLLECTION, HOLDING, AND TRANSFER (CHT) COURSE K-652-2141 PRIOR TO ASSIGNMENT.

NOTE: THIS INTERACTIVE COURSEWARE IS PROMULGATED THROUGH THE CNET SHIPBOARD TRAINING ENHANCEMENT PROGRAM (STEP).

OPNAVINST 5090.1B, 19-3.4, 19-14.10E

JSN :

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2GEP EP MNGMNT, ENVIRONMENTAL COMPLIANCE BOARD:

Serial # : Loc : RAC :

W\C : CSMP Name: BOARD

ENVIRONMENTAL COMPLIANCE BOARD HAD THE FOLLOWING DEFICIENCIES:

- BOARD WAS NOT ESTABLISHED.
- BOARD DID NOT MEET QUARTERLY.
- BOARD DID NOT CONSIST OF THE XO, SAFETY OFFICER, DEPT HEADS, EP COMPLIANCE OFFICER, LEGAL OFFICER AND CMC.

OPNAVINST 3120.32C, SEC. 304.26

JSN :

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2GEP EP MNGMNT, EP COORDINATOR ASSIGNMENT:

Serial # : Loc : RAC :

W\C : CSMP Name: EP COORD

AN AFLOAT ENVIRONMENTAL PROTECTION COORDINATOR/COMPLIANCE OFFICER WAS NOT ASSIGNED.

OPNAVINST 5090.1B, ART. 19-2.2.11

JSN :

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2GEP EP MNGMNT, INITIAL I-DIV EP TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: EP TRAINING

DOCUMENTATION WAS NOT AVAILABLE TO VERIFY THAT ALL HANDS HAD RECEIVED INITIAL ENVIRONMENTAL PROTECTION AWARENESS TRAINING.

I-DIVISION TRAINING DID NOT INCLUDE:

- THE NAVY'S COMMITMENT TO ENVIRONMENTAL PROTECTION.

- THE COMMAND ENVIRONMENTAL PROTECTION PROGRAM.
- THE MEMBER'S RESPONSIBILITY WITH REGARD TO THIS PROGRAM.

NOTE: IN ADDITION TO EXPLAINING THE SHIP'S ENVIRONMENTAL PROGRAM, VIDEOTAPE "YOUR SHIP, THE ENVIRONMENT AND YOU" PIN 806435 (1999) MAY BE USED TO SATISFY THE TOPIC REQUIREMENTS FOR INITIAL ENVIRONMENTAL AWARENESS TRAINING.

OPNAVINST 5090.1B, 19-2.2.7 AND 24-4.2

JSN :

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2GEP EP MNGMNT, OHS SPILL ACTION OFFICER:

Serial # : Loc : RAC :

W\C : CSMP Name: SPILL OFFICER

ONE OR MORE SHIPBOARD ACTION OFFICERS WERE NOT PREDESIGNATED TO BE RESPONSIBLE FOR SHIPBOARD SPILL/RELEASE CONTINGENCY PLANNING AND RESPONSE.

OPNAVINST 5090.1B, 19-14.10M

JSN :

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2GEP EP MNGMNT, OHS SPILL CONTINGENCY PLAN:

Serial # : Loc : RAC :

W\C : CSMP Name: SPILL PLAN

A WRITTEN SHIPBOARD OIL AND HAZARDOUS SUBSTANCE (OHS) SPILL CONTINGENCY PLAN:

- WAS NOT AVAILABLE.
- DID NOT CONTAIN UNIQUE PROCEDURES FOR SPILLS OVER THE SIDE AND USE OF THE MK II OIL CONTAINMENT AND CLEANUP KIT.
- DID NOT CONTAIN PROCEDURES FOR THE CONTAINMENT, CONTROL, RECOVERY, AND DISPOSAL OF SPILLS, PROTECTIVE CLOTHING, SPILL CLEAN-UP MATERIALS, INFORMATION SOURCES FOR OIL AND HS, AND THE NAMES AND TELEPHONE NUMBERS OF FLEET AS WELL AS SHORESIDE NOSCS.

NOTE: A SAMPLE CNO/NAVSEA/NSWCCD PUBLISHED OIL SPILL CONTINGENCY PLAN IS AVAILABLE AT THE INSURV WEB SITE [WWW.SPAWAR.NAVY.MIL/FLEET/INSURV](http://WWW.SPAWAR.NAVY.MIL/FLEET/INSURV), UNDER INSP PREPS, NAVOSH.

OPNAVINST 5090.1B, 19-9.2.10 & 19-14.10N

JSN :

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2GEP EP MNGMNT, OHS SPILL DRILLS:

Serial # : Loc : RAC :

W\C : CSMP Name: SPILL DRILLS

- AN OVER-THE-SIDE OIL/HAZARDOUS SPILL DRILL WAS NOT CONDUCTED FOR EACH DUTY SECTION AT LEAST ANNUALLY.
- THE OHS SPILL DRILL DID NOT INCLUDE USE OF THE MK II OIL

SPILL CONTAINMENT AND CLEANUP KIT AND EXERCISED NOTIFICATION  
PRACTICES AND SIMULATED MESSAGE DRAFTING.

OPNAVINST 5090.1B, 19-9.3B

JSN :

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2GEP            EP MNGMNT, OHS SPILL RESPONSE PQS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SPILL PQS

ONE PETTY OFFICER PER FIREFIGHTING OR REPAIR PARTY WAS NOT  
QUALIFIED ON WATCHSTATION 304 - OIL/HAZARDOUS SUBSTANCE  
SPILL RESPONSE SCENE LEADER (NAVEDTRA 43528-A).

OPNAVINST 5090.1B, 19-9.3 AND 24-4.3.6

JSN :

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2GEP            EP MNGMNT, OHS SPILL TRAINING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SPILL TRAINING

INPORT WATCHSTANDERS AND COMMAND DUTY OFFICERS WERE NOT  
TRAINED ON INPORT OHS SPILL RESPONSE PROCEDURES, THE SHIP'S  
SCP, AND LOCAL NOTIFICATION REQUIREMENTS PRIOR TO  
ASSIGNMENT.

OPNAVINST 5090.1B, 19-9.3

JSN :

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2GEP            EP MNGMNT, OIL SPILL KIT:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OIL SPILL KIT

- THE SHIP DID NOT HAVE THE COMNAVSEASYS COM-DEVELOPED  
SHIPBOARD OIL SPILL CONTAINMENT AND CLEAN-UP KIT.

- THE OIL SPILL KIT WAS MISSING THE FOLLOWING ITEMS:  
POLYPROPYLENE ROPE TENDING LINE 9Q 4020-00-968-1350 (50  
FEET LONG WITH SNAP HOOK ON EACH END). (QUANTITY COLUMNS  
2/4/6/8 SETS OF 2 TENDING LINES PER SHIP TYPE)  
SNAP HOOK - SWV EYE TYPE I 9Z 5340-00-275-4584 (4/8/12/16)  
SORBENT, OIL 9G 4235-01-281-4608, 19 INCH X 100 FT  
(4/8/12/16)  
TOOL BOX - STEEL 9C 2540-00-348-7792 (1/2/3/4)

NOTE: QUANTITY COLUMN 1 FOR DD, DDG, FFG, MCM, MSO, MHC,  
T-AGOS, T-AGS, AND T-AKR.  
QUANTITY COLUMN 2 FOR ARS, CG, CGN, LST, PHM, AND T-AGS.  
QUANTITY COLUMN 3 FOR LCC, LHA, LHD, LPH, AND LSD.  
QUANTITY COLUMN 4 FOR CV, CVN, AS, AO, AOE.

OPNAVINST 5090.1B, 19-9.2.4

MK II SPILL KIT: AEL 2-550024006 OF 6/15/99

JSN :

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2GEP EP MNGMNT, OPA SYSTEM SUPERVISOR TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: OPA SUP TRAIN

PERSONNEL ASSIGNED TO SUPERVISE OILY WASTE PROCESSING AND DISPOSAL OPERATIONS HAD NOT COMPLETED THE FORMAL OIL POLLUTION ABATEMENT (OPA) EQUIPMENT OPERATION AND MAINTENANCE COURSE, K-652-2196, PRIOR TO ASSUMING THE DUTIES. (THIS COURSE IS TAUGHT AT THE FLEET TRAINING CENTERS NORFOLK AND SAN DIEGO).

OPNAVINST 5090.1B, 19-5.5

JSN :

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2GEP EP MNGMNT, PWP OPERATOR/MAINTAINER TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: OPERATOR TRAININ

- DOCUMENTATION WAS NOT AVAILABLE TO VERIFY THAT PWP PERSONNEL COMPLETED THE APPROPRIATE SOLID WASTE OPERATOR OR MAINTAINER INTERACTIVE COURSEWARE TRAINING.

- SHIP DID NOT HOLD/HAVE AVAILABLE THE PWP OPERATOR/MAINTAINER INTERACTIVE COURSEWARE CBT A-690-0003.

EQUIPMENT GUIDE  
STEP CD TRAINING CBT A-690-0003  
PROCESSOR TECHNICAL MANUAL  
OPNAVINST 1540.55  
OPNAVINST 5090.1B, 19-7.4

JSN :

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2GEP EP MNGMNT, SOLID WASTE EQUIP ICW TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: ICW TRNG

- DOCUMENTATION WAS NOT AVAILABLE TO VERIFY THAT OPERATORS AND/OR REPAIR PERSONNEL HAD COMPLETED THE ICW FOR SOLID WASTE SHREDDER/METAL GLASS SHREDDER/LARGE PULPER/SMALL PULPER (SPECIFY).

- SHIP DID NOT HOLD/HAVE AVAILABLE THE PWP OPERATOR/MAINTAINER INTERACTIVE COURSEWARE CBT A-690-0004.

NTP-S-30-9508  
NTP-S-30-9603  
OPNAVINST 1540.55  
STEP CD TRAINING CBT A-690-0004  
OPNAVINST 5090.1B, 19-7.4

JSN :

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2GEP EP MNGMNT, SOLID WASTE HANDLERS TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: HANDLER TRNG

- DOCUMENTATION WAS NOT AVAILABLE TO VERIFY THAT PERSONNEL RESPONSIBLE FOR HANDLING SHIPS GARBAGE WERE TRAINED ON THE DISCHARGE RESTRICTIONS APPLICABLE TO THIS WASTE PRIOR TO ASSIGNMENT.
- TRAINING DID NOT INCLUDE THE PROPER COLLECTION, TREATMENT AND DISPOSAL OF PLASTICS WASTE.

OPNAVINST 5090.1B, 19-7.4

JSN :

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2GEP EP MNGMNT, SOLID WASTE SUPERVISOR TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: SUPRV TRNG

PERSONNEL RESPONSIBLE FOR THE SUPERVISION AND APPROVAL OF OVERBOARD DISPOSAL OF SOLID WASTE WERE NOT TRAINED ON THE LEGAL REQUIREMENTS APPLICABLE TO THIS WASTE CATEGORY.

OPNAVINST 5090.1B, 19-7.4B

JSN :

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2GEP GATX SYSTEM, OPERATING PLACARDS:

Serial # : Loc : RAC :

W\C : CSMP Name: PLACARDS

- THE FOLLOWING OPERATING PLACARDS WERE NOT POSTED NEAR COMMODES OR IN HEADS:
- COMMODE OPERATING INSTRUCTIONS WERE MISSING (SPECIFY LOCATIONS ).
  - EMERGENCY FLUSHING PROCEDURE PLACARDS WERE MISSING (SPECIFY LOCATIONS).
  - TANK HIGH LEVEL INDICATOR INSTRUCTIONS WERE MISSING (SPECIFY LOCATIONS).

GATX DESIGN MANUAL  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP GRAY WATER, DRIP PANS:

Serial # : Loc : RAC :

W\C : CSMP Name: DRIP PANS

GRAY WATER DRIP PANS WERE NOT INSTALLED IN THE FOLLOWING AREAS:

- MEDICAL.
- BERTHING.
- MESSING.

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP            GRAY WATER, GAGES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: GAGES

- GAGES DID NOT HAVE CURRENT CALIBRATION/NCR LABELS (SPECIFY LOCATION):
- GAGES WERE BROKEN/INOP (SPECIFY LOCATION):
- GAGES WERE NOT INSTALLED AS REQUIRED/WRONG PART (SPECIFY LOCATION):

NSTM 593  
NAVSEAINST 9593.1B

JSN :

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2GEP            GRAY WATER, PIPING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: GRAY PIPE

GRAY WATER PIPING HAD THE FOLLOWING DEFICIENCIES:

NAVSEAINST 9593.3  
NSTM 593

JSN :

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2GEP            GRAY WATER, PUMPS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PUMPS

- (SPECIFY PUMP TYPE)
- PUMP WAS INOPERATIVE (SPECIFY LOCATION AND CAUSE OF INOPERABILITY).
  - PUMP WAS EXCESSIVELY NOISY/VIBRATED (SPECIFY LOCATION AND CAUSE OF INOPERABILITY).

GSO 593  
NSTM 593

JSN :

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2GEP            GRAY WATER, ROGS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ROGS

- REMOTE OPERATING GEAR WAS INOPERABLE.



- REMOTE OPERATING GEAR WAS NOT INSTALLED AS REQUIRED.
- REMOTE OPERATING GEAR WAS INACCESSIBLE.
- REMOTE OPERATING GEAR WAS DISCONNECTED DUE TO:

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            GRAY WATER, SINKS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SINKS

THE DEEP SINK/SANITARY SINK WAS MISSING A FLEXIBLE HOSE CONNECTION.

NSTM 505  
SHIP SPEC 505 (DDG-51 AND LHD-2 AT/FCT'S ONLY)  
NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP            GRAY WATER, TANKS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: TANKS

- GRAY WATER TANK LACKED TANK LEVEL INDICATOR.
- GRAY WATER TANK WAS LEAKING/DETERIORATED/NOT PROPERLY INSTALLED.

GSO 593  
NSTM 593

JSN :

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2GEP            GRAY WATER, VALVES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VALVES

- GRAY WATER VALVES WERE LEAKING (SPECIFY LOCATIONS):
- GRAY WATER VALVES WERE NOT COLOR CODED GOLD (SPECIFY LOCATIONS):
- GRAY WATER VALVES WERE INACCESSIBLE/INOP/WRONG TYPE (SPECIFY LOCATION):
- GRAY WATER VALVES WERE NOT LABELED WITH THE VALVE NUMBER (SPECIFY LOCATION):

NSTM 593  
GSO 593

JSN :

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2GEP            JERED SYSTEM, AUTOMATIC OPERATION CONTROLLER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CONTROLLER

WHEN THE POWER "ON" AND ALL OTHER CONTROLS WERE SET FOR FULLY AUTOMATIC OPERATION, THE FOLLOWING CIRCUITS WERE NOT OPERATIONAL:

- COMBUSTION CONTROL FLAME SCANNER CIRCUITS.
- LOW PRESSURE AIR CIRCUITS.
- OVERTEMP CIRCUITS.
- TWO "MOTOR OVERLOAD" CIRCUITS (BLOWER AND FUEL PUMP) (SPECIFY WHICH UNIT (NR1/NR2) ).

NAVSEAINST 9593.1B

JSN :

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2GEP            JERED SYSTEM, EXHAUST GAS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: EXHAUST

SEWAGE INCINERATOR HAD EXHAUST GAS LEAKAGE INTO SPACE.  
(SPECIFY WHICH INCINERATOR AND CAUSE FOR  
LEAKAGE)

NSTM 593

JSN :

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2GEP            JERED SYSTEM, FUEL LINES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: FUEL LINES

SEWAGE INCINERATOR HAD FUEL LINE LEAKS (COMMON LINE).  
(SPECIFY WHICH INCINERATOR UNIT).

NAVSEAINST 9593.1B

JSN :

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2GEP            JERED SYSTEM, GRINDER PUMPS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: GRINDER

THE JERED SYSTEM GRINDER PUMP HAD THE FOLLOWING DEFICIENCIES:

- GRINDER PUMP MOTOR WAS NOT EQUIPPED WITH AN OIL CUP FOR SEAL LUBRICATION (SPECIFY WHICH UNIT (NR1/NR2)).
- GRINDER PUMP WAS NOT FREE OF EXCESSIVE NOISE AND VIBRATION (SPECIFY WHICH UNIT (NR 1/NR2) AND POSSIBLE CAUSES).
- GRINDER PUMP PIPING COULD NOT BE REMOVED SAFELY FOR PUMP MAINTENANCE (SPECIFY WHICH UNIT (NR1/NR2) AND CAUSES OF UNSAFE CONDITION).

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP JERED SYSTEM, LP AIR:  
Serial # : Loc : RAC :  
W\C : CSMP Name: ATOMIZER

WHEN SET AT 20 PSI, THE LP AIR ATOMIZING PRESSURE SWITCH  
DID NOT PREVENT THE INCINERATOR FROM LIGHTING OFF WHEN THE  
LP AIR WAS SECURED.

NAVSEAINST 9593.1B

JSN :

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2GEP JERED SYSTEM, SEAL WATER LEVELS:  
Serial # : Loc : VARIOUS RAC :  
W\C : CSMP Name: SEALS

THE PROPER SEAL WATER LEVEL HAD NOT BEEN MARKED ON THE SIGHT  
GLASS (ABOUT 1 INCH ABOVE THE BOTTOM EDGE OF SIGHT GLASS  
TUBE.) (SPECIFY LOCATION).

NAVSEAINST 9593.1B

JSN :

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2GEP JERED SYSTEM, SEWAGE INCINERATOR FEED LINES:  
Serial # : Loc : RAC :  
W\C : CSMP Name: FEED LINES

SEWAGE INCINERATOR HAD CLOGGED FEED LINE. (SPECIFY WHICH  
INCINERATOR UNIT)

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP JERED SYSTEM, SEWAGE INCINERATOR:  
Serial # : Loc : RAC :  
W\C : CSMP Name: INCINERATOR

- SEWAGE INCINERATOR WOULD NOT OPERATE IN AUTOMATIC MODE.  
(SPECIFY WHICH INCINERATOR (UNIT NR1/ UNIT NR2) AND CAUSE  
FOR INOPERABILITY.  
- THE INCINERATOR EXHAUST SIGHT GLASS WAS NOT TRANSPARENT.  
- THE INCINERATOR SIGHT GLASS WAS BROKEN.  
- SEWAGE INCINERATOR DOOR LINER WAS (SPECIFY PROBLEM):  
- INCINERATOR STACK TEMPERATURE DID NOT STABILIZE BETWEEN  
690 DEG F TO 725 DEG F AFTER 20 MINUTES OF OPERATION OR LESS  
(SPECIFY WHICH INCINERATOR UNIT).

NAVSEAINST 9593.1B  
NSTM 593

JSN :

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2GEP JERED SYSTEM, SMOKE DETECTOR ALARMS:  
Serial # : Loc : RAC :

W\C : CSMP Name: SMOKE ALARMS

THE SMOKE DETECTOR ADJACENT TO THE JERED SYSTEM  
INCINERATOR DID NOT ALARM IN CCS.

NAVSEAINST 9593.1B

JSN :

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2GEP JERED SYSTEM, VACUUM PUMPS:

Serial # : Loc : RAC :

W\C : CSMP Name: VACUUM PUMP

THE JERED SYSTEM VACUUM PUMP HAD THE FOLLOWING DEFICIENCIES:

- VACUUM PUMP DID NOT ALTERNATE TO EQUALIZE USAGE (SPECIFY WHICH PUMP AND LOCATION).
- VACUUM PUMP DID NOT CUT-IN AT THE PROPER PRESSURE LEVEL (PRIME AT 16 INCHES HG)(BACKUP AT 14 INCHES HG)(SPECIFY WHICH PUMP AND LOCATION).
- VACUUM PUMP SEAL WATER TANK VENT HAD NOT BEEN RELOCATED FROM THE SIDE TO THE TOP OF THE TANK (SPECIFY LOCATION).
- VACUUM PUMP DID NOT CUT-IN AT THE PROPER LEVEL.
- VACUUM PUMP HAD EXCESSIVE LEAK-OFF.

NSTM 593

JSN :

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2GEP MEDICAL WASTE, CONTAINERS:

Serial # : Loc : RAC :

W\C : CSMP Name: MED WASTE

- SHARPS WERE NOT COLLECTED IN PLASTIC, AUTOCLAVABLE SHARPS CONTAINERS.
- RED BIOHAZARD BAGS WERE NOT AVAILABLE.

OPNAVINST 5090.1B, 19-8.3

AFLOAT MEDICAL WASTE MANAGEMENT GUIDE, OPNAV P-45-113-3-99

JSN :

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2GEP MEDICAL WASTE, HANDLING:

Serial # : Loc : RAC :

W\C : CSMP Name: MED WASTE

SHIPBOARD MEDICAL WASTE WAS NOT PROPERLY STEAM STERILIZED,  
PACKAGED, LABELED, HANDLED, AND/OR STORED PROPERLY.

OPNAVINST 5090.1B, 19-8.3

AFLOAT MEDICAL WASTE MANAGEMENT GUIDE, OPNAV P-45-113-3-99.

JSN :

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2GEP MEDICAL WASTE, TRAINING:

Serial # : Loc : RAC :

W\C : CSMP Name: MED WASTE TRNG

- PERSONNEL RESPONSIBLE FOR THE PROCESSING AND DISPOSAL OF MEDICAL WASTE WERE NOT TRAINED TO ENSURE THAT SUCH ACTIONS COMPILED WITH THE REQUIREMENTS GOVERNING THIS WASTE.
- MEDICAL WASTE TRAINING WAS NOT DOCUMENTED.

OPNAVINST 5090.1B, 19-8.4

AFLOAT MEDICAL WASTE MANAGEMENT GUIDE, OPNAV P-45-113-3-99

JSN :

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2GEP OCM, ELECTRICAL COMPONENTS:

Serial # : Loc : RAC :

W\C : CSMP Name: OCM

(SPECIFY MODEL) OCM ELECTRICAL COMPONENTS HAD THE FOLLOWING DEFICIENCIES:

- ELECTRICAL POWER WAS NOT 115VAC, SINGLE PHASE, 60HZ, 12A.
- CONTROL PANEL WAS NOT MOUNTED TO AVOID DIRECT IMPINGEMENT OF WATER.
- THE OCM DOOR DID NOT HAVE A GASKET INSTALLED.
- TERMINAL CONNECTIONS WERE NOT TIGHT AND CORROSION FREE.

OPNAV INSTRUCTION 5100.19D

NAVSEAINST 9593.2

NAVSEA S9593-CD-MMO-010/25204

JSN :

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2GEP OCM, FAILSAFE MACHALT 483:

Serial # : Loc : RAC :

W\C : CSMP Name: MACHALT 483

OCM FAIL SAFE MACHALT NR 483 HAD NOT BEEN INSTALLED.

MACHALT #483

JSN :

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2GEP OCM, INSTALLATION DEFICIENCIES:

Serial # : Loc : RAC :

W\C : CSMP Name: OCM

(SPECIFY MODEL) OCM INSTALLATION HAD THE FOLLOWING DEFICIENCIES:

- THE OCM WAS INOPERABLE (LIST REASONS).
- THE NOZZLE SAMPLER WAS NOT LOCATED IN THE OWS DISCHARGE.
- THE NOZZLE SAMPLER WAS NOT IN A VERTICAL PIPE RUN OF AT LEAST 10 PIPE DIAMETERS FROM THE FIRST CHANGE IN FLOW DIRECTION.
- THE NOZZLE SAMPLER WAS NOT INSTALLED SO THAT THE PORTS WERE POINTED OPPOSITE TO THE DIRECTION OF FLOW.
- THE SAMPLE PRESSURE INLET WAS NOT IN THE REQUIRED RANGE DURING EITHER OVBD OR RECIRC MODES.
- AN ORIFICE PLATE WAS NOT INSTALLED TO PROVIDE SUFFICIENT BACKPRESSURE DURING EITHER THE OVERBOARD OR RECIRC MODES.

- A 0 TO 30 PSIG/0 TO 60 PSI PRESSURE GAGE WAS NOT INSTALLED AT THE OCM SAMPLE INLET.
- THE OCM DID NOT TRIGGER RECIRCULATION EFFLUENT BACK TO THE OWHT OR BILGES.
- THE OCM FLUSHING WATER BACKFLUSH PREVENTER LEAKED WATER ONTO THE DECK PLATES.
- THE OCM SAMPLING LINE FROM THE OWS WAS PROVIDED WITH AN UNNECESSARY PRESSURE REDUCING VALVE WHICH COULD CAUSE A PRESSURE DROP AT THE OCM INLET.
- THE ORIFICE PLATE PROVIDED TO GENERATE BACK PRESSURE FOR THE OCM SAMPLER WAS LOCATED UPSTREAM OF THE THREE-WAY DIVERTER VALVE, VICE DOWNSTREAM IN THE RECIRCULATION LINE PIPING.

NAVSEAINST 9593.2  
NAVSEA S9593-CD-MMO-010/25204  
SHIP SPEC 593 (DDG-51 AND LHD-2 AT/FCT'S ONLY)

JSN :

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2GEP            OCM, INTEGRATED LOGISTICS SUPPORT:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ILS

- (SPECIFY MODEL) OCM ILS HAD THE FOLLOWING DEFICIENCIES:
- SIB AND/OR GIB WAS NOT UPDATED.
  - OCM NOT COSAL SUPPORTED.
  - TECH MANUALS NOT ON BOARD.
  - PMS NOT INSTALLED FOR OCM.
  - EOSS NOT UPDATED TO INCLUDE OCM.

NAVSEAINST 9593.2  
NAVSEA S9593-BG-MMO-010

JSN :

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2GEP            OCM, OPERATION:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OCM

- (SPECIFY MODEL) OCM HAS THE FOLLOWING DEFICIENCIES:
- DID NOT DETECT OIL LEVELS AT THE 15 PPM EFFLUENT DISCHARGE.
  - WAS NOT OPERATED (STATE REASON).
  - DID NOT TRIGGER RECIRCULATION OF UNACCEPTABLE EFFLUENT BACK TO THE OWHT OR BILGES.
  - WAS INOP.

NAVSEAINST 9593.2  
OPNAVINST 5090.1B  
(TECH MANUAL FOR MODEL)

JSN :

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2GEP            OCM, PMS:  
Serial # :    Loc :    RAC :

W\C : CSMP Name: OCM PMS

- MONTHLY PMS AND RELATED SITUATIONAL "R" CHECKS WERE NOT  
ABLE TO BE DEMONSTRATED ON THE OCM.

- THERE WAS A LACK OF DOCUMENTATION TO INDICATE PMS HAD BEEN  
ACCOMPLISHED.

NAVSEAINST S9593-CD-MMO-010/25204  
SYSCOM MIP CONTROL NUMBER 5932/018-46  
NAVSEAINST 9593.2

JSN :

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2GEP OCM, REMOTE INDICATOR:

Serial # : Loc : RAC :

W\C : CSMP Name: INDICATOR

(SPECIFY MODEL) OCM REMOTE INDICATOR HAD THE FOLLOWING  
DEFICIENCIES:

- THE INDICATOR WAS NOT MOUNTED AT APPROXIMATELY EYE LEVEL  
WITHIN SIGHT OF THE OWS.  
- THE INDICATOR WAS NOT LOCATED IN A CONTINUOUSLY MANNED  
SPACE.

NAVSEAINST 9593.2  
NAVSEA S9593-CD-MMO-010/25204

JSN :

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2GEP OCM, REMOTE RELAY ASSEMBLY:

Serial # : Loc : RAC :

W\C : CSMP Name: RELAY

- THE RELAY PANEL WAS NOT INSTALLED ADJACENT TO THE DIVERTER  
VALVE LOCATION.  
- OCM REMOTE RELAY ASSEMBLY WAS INOPERABLE.

NAVSEAINST 9593.2  
NAVSEA S9593-CD-MMO-010/25204

JSN :

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2GEP OCM, THREE-WAY DIVERTER VALVE:

Serial # : Loc : RAC :

W\C : CSMP Name: VALVE

THE (SPECIFY MODEL) OCM THREE-WAY DIVERTER VALVE HAD THE  
FOLLOWING DEFICIENCIES:

- THE 3-WAY VALVE WAS NOT INSTALLED TO DIVERT FLOW TO THE  
OWHT WHEN DEENERGIZED.  
- THE 3-WAY VALVE DID NOT RESET AUTOMATICALLY.  
- THE 3-WAY VALVE WAS NOT PROVIDED WITH A LIGHT INDICATOR TO  
INDICATE VALVE POSITION.  
- THE 3-WAY VALVE WAS NOT PROVIDED WITH A LOCKING DEVICE.  
- THE 3-WAY VALVE WAS NOT ACCESSIBLE FOR MAINTENANCE/REPAIR.

- THE 3-WAY VALVE JUNCTION BOX DID NOT HAVE A 7.5 KE RESISTOR INSTALLED.
- THE VALVE WAS INSTALLED UPSIDE DOWN (OPPOSITE THE MANUFACTURER'S RECOMMENDATION).
- THE VALVE WOULD NOT FULLY AND RELIABLY ACTUATE WHEN THE OCM WAS IN ALARM MODE (THE SOLENOID WOULD EASILY DROP OUT OF THE ENERGIZED POSITION).

NAVSEAINST 9593.2  
OPNAVINST 5090.1B  
(TECH MANUAL FOR MODEL)

JSN :

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2GEP            OCM, VALVES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VALVE

- THE OCM SYSTEM VALVE(S) HAD THE FOLLOWING DEFICIENCIES:
- VALVES NOT LABELED.
  - MISSING/BROKEN HANDLES.
  - INOPERABLE.
  - LEAKED.
  - A GATE VALVE AND CHECK VALVE WERE NOT INSTALLED BETWEEN THE OWS DISCHARGE AND OCM INLET PIPING.
  - A GATE VALVE AND CHECK VALVE WERE NOT INSTALLED IN THE OCM FLUSH WATER SUPPLY.
  - A RELIEF VALVE WAS NOT PROVIDED IN THE OCM INLET PIPING DOWNSTREAM OF ALL CHECK VALVES.

NAVSEAINST 9593.2  
NAVSEA S9593-CD-MMO-010/25204

JSN :

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2GEP            ODS, DOCUMENTATION AND LOGS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ODS LOG

- SHIP DID NOT MAINTAIN A LOG/RECORDS OF ADDED AND RECOVERED OR REMOVED REFRIGERANTS, AND RECORD OF LEAKAGES.
- SHIP DID NOT COMPLETE/MAINTAIN ANNUAL ACCIDENTAL OR UNINTENTIONAL VENTING REPORTS.
- SHIP DID NOT SUBMIT ANNUAL ODS INVENTORY REPORT (OPNAVINST 5090.1B, APPENDIX O FORMAT).

OPNAVINST 5090.1B, 6-5.3  
NSTM 516, ARTICLE 516-1.11, FIG 516-1-9 AND 1-10

JSN :

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2GEP            ODS, MAINTENANCE PERSONNEL TRAINING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ODS

- PERSONNEL WHO PERFORMED MAINTENANCE ON AIR CONDITIONING AND REFRIGERATION EQUIPMENT WERE NOT CERTIFIED ON HANDLING, RECOVERY AND RECYCLING OF ODS, AND HAD NOT RECEIVED TRAINING ON ODS REGULATIONS AS WELL AS SPENT/RECYCLABLE ODS LABELING PRIOR TO PERFORMING THESE DUTIES (HOLD SNEC 4291).

- PERSONNEL REQUIRED TO WORK WITH ODS (SUCH AS HALONS, FREONS, SOLVENTS, ETC) WERE NOT TRAINED ON METHODS OF PREVENTING THEIR RELEASE PRIOR TO BEING ASSIGNED TO SUCH WORK.

OPNAVINST 5090.1B, 19-4.3.3 & 6-5.10.3

JSN :

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2GEP            ODS, RECOVERY EQUIPMENT:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ODS

EQUIPMENT WAS NOT AVAILABLE/BEING USED TO RECOVER OZONE DEPLETING SUBSTANCES DURING MAINTENANCE OF AC, REFRIGERATING, AND FIRE PROTECTION (HALON) SYSTEMS.

OPNAVINST 5090.1B, 19-4.3.2 & 6-5.10.2  
NSTM 516

JSN :

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2GEP            OPA, SYSTEM CERTIFICATION:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OPA CERT

- THE OIL POLLUTION ABATEMENT (OPA) EQUIPMENT WAS NOT INITIALLY CERTIFIED.  
- THE OIL POLLUTION ABATEMENT (OPA) EQUIPMENT CERTIFICATE WAS NOT ENDORSED AS REQUIRED BY THE COMMANDING OFFICER.  
- A 5-YEAR RECERTIFICATION OF THE OIL POLLUTION ABATEMENT EQUIPMENT WAS NOT CONDUCTED/THE SYSTEM WAS NOT CURRENTLY CERTIFIED.

THE FOLLOWING CRITICAL DEFICIENCIES PROHIBITED THE OIL POLLUTION ABATEMENT (OPA) SYSTEM FROM CERTIFICATION:

(NOTE - THIS IS ALWAYS A PART 1 CARD AND MAY TRIGGER A MISSION DEGRADE ON MOB 12).

OPNAVINST 5090.1B, ART. 19-5.4.3 & 19-14.10  
NAVSEAINST 9593.2  
DODINST 6050.15

JSN :

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2GEP            OPA, WARNING SIGNS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SIGNS

OIL POLLUTION ABATEMENT SIGNS WERE NOT CONSPICUOUSLY POSTED  
AT THE FOLLOWING LOCATIONS:

- SHORE CONNECTION DECK RISERS.
- PUMP CONTROLLERS (LOCAL AND REMOTE).
- OVERBOARD DISCHARGE VALVES.
- OWS CONTROLLER.
- FAS STATIONS.

(LIST OTHERS AS NEEDED)

THESE SIGNS MUST STATE "DISCHARGE OF OIL PROHIBITED. THE  
FEDERAL WATER POLLUTION CONTROL ACT PROHIBITS THE  
DISCHARGE OF OIL OR OILY WASTE INTO OR UPON THE NAVIGABLE  
WATERS OF THE UNITED STATES, OR THE WATERS OF THE  
CONTIGUOUS ZONE, OR WHICH MAY AFFECT NATURAL RESOURCES  
BELONGING TO, APPERTAINING TO, OR UNDER THE EXCLUSIVE  
MANAGEMENT AUTHORITY OF THE UNITED STATES, IF SUCH DISCHARGE  
CAUSES A FILM OR DISCOLORATION OF THE SURFACE OF THE WATER  
OR CAUSES A SLUDGE OR EMULSION BENEATH THE SURFACE OF THE  
WATER. VIOLATORS ARE SUBJECT TO SUBSTANTIAL CIVIL PENALTIES  
AND/OR CRIMINAL SANCTIONS INCLUDING FINES AND IMPRISONMENT."

33 CFR 155.450 (PLACARD)  
NSTM 593  
OPNAVINST 5090.1B

JSN :

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2GEP            OWHT, PIPING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PIPING

- OWS OWHT SUCTION DEDICATED PIPING WAS NOT INSTALLED FROM  
THE OWHT TO THE OWS.
- AN ISOLATION VALVE WAS NOT INSTALLED ON THE SUCTION LINE  
TO THE OWHT.

NAVSEA 59593-AY-MMM-010  
NAVSEA 59593-AY-GYO-010/6699  
NAVSEAINST 9593.2

JSN :

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2GEP            OWHT, TANK LEVEL INDICATORS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OWHT

- THE OWHT TANK LEVEL INDICATORS WERE INOPERABLE.
- THE OWHT TANK LEVEL INDICATORS WERE INCORRECTLY INSTALLED.
- TANK LEVEL ALARMS DID NOT ACTIVATE AT 95% - 98% OF TANK  
CAPACITY.

NAVSEAINST 9593.2

JSN :

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2GEP OWS, AIR VENTS:

Serial # : Loc : RAC :

W\C : CSMP Name: AIR VENT

THE OPB-10NP AIR VENT HAD THE FOLLOWING DEFICIENCIES:

- THE AIR VENT WAS NOT INSTALLED HORIZONTALLY WITH THE CAP ORIENTED DOWN.
- ALL VENT PIPES DID NOT POINT DOWN TO PREVENT A SPRAY HAZARD TO PERSONNEL.
- AIR VENT WAS INOP (DID NOT PREVENT FLOW OF WATER OUT OF OWS TANK).
- MACHALT 315 WAS NOT INSTALLED, REPLACING THE BIRCO AIR VENT WITH A SARCO AIR VENT.
- THE WATER VENT AND ISOLATION VALVE WAS NOT INSTALLED ON THE OIL TOWER BELOW THE AIR VENT LINE.

NAVSEA S9593-AY-MMM-010

NAVSEA S9593-AY-GYD-010/6699

NAVSEAINST 9593.2

JSN :

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2GEP OWS, BILGE WATER PROCESSING:

Serial # : Loc : RAC :

W\C : CSMP Name: BILGE

- MACHINERY SPACE BILGE WATER WAS NOT PROCESSED THROUGH AN OIL WATER SEPARATOR PRIOR TO DISCHARGE (STATE LOCATION).
- BILGE HIGH LEVEL ALARMS WERE INOP.

OPNAVINST 5090.1B, 19-5.4.2B

DODINST 6050.15

JSN :

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2GEP OWS, C50 STRAINER DIFF PRESSURE SWITCH:

Serial # : Loc : RAC :

W\C : CSMP Name: SWITCH

- THE DUPLEX STRAINER DIFFERENTIAL PRESSURE DP SWITCH WAS INOP (LIST REASONS IF KNOWN):
- THE DP SWITCH GAUGE LINES WERE INSTALLED BACKWARDS.
- THE DP SWITCH WAS OUT OF ADJUSTMENT AND FAILED TO OPERATE AT THE REQUIRED SET POINTS.
- THE DP SWITCH WAS NOT INSTALLED.

NAVSEAINST 9593.2

NAVSEA S9500-CA-MMO-010

JSN :

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2GEP                OWS, COALESCING PLATES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: STRAINER

THE COALESCING PLATES ON THE OWS HAD THE FOLLOWING  
DEFICIENCIES:

- WERE FOULED WITH HEAVY OIL.
- WERE MISSING.
- WERE DETERIORATED.
- HAD NOT BEEN CLEANED PER PMS.
- WERE FOULED WITH AN INCOMPATIBLE DETERGENT/SYNTHETIC OIL.

NAVSEA S9593-AY-MMM-010  
NAVSEA S9593-AY-GYD-010/6699  
NAVSEAINST 9593.2

JSN :

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2GEP                OWS, CONTROL PANEL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CONTROL PANEL

THE (SPECIFY MODEL) OWS CONTROL PANEL HAD THE FOLLOWING  
DEFICIENCIES:

- THE CONTROL PANEL WAS INOPERABLE (STATE REASONS):
- THE CONTROL PANEL WAS NOT ACCESSIBLE FOR MAINTENANCE OR OPERATION.
- THE OPERATOR COULD NOT VIEW THE GAGE PANEL, OWS PUMP OR CENTRIFUGE FROM THE CONTROL PANEL.
- THE FOLLOWING INDICATORS WERE INOPERABLE.
- THE THREE-PHASE DISCONNECT BOX WAS NOT INSTALLED.
- THE PANEL GASKET WAS MISSING OR DEGRADED.
- THE PANEL WAS SUBJECT TO WATER IMPINGEMENT.
- THE ELECTRICAL SCHEMATIC WAS NOT INSTALLED IN THE CONTROL PANEL.
- THE AUDIBLE ALARM WAS NOT INSTALLED BY THE MAIN CONTROL PANEL.
- THE OPERATOR WAS NOT ABLE TO OBSERVE THE GAGE PANEL FROM THE CONTROL PANEL.
- STUFFING TUBES WERE NOT IN PLACE AROUND CABLE PENETRATIONS.
- CONTROL PANEL DOOR DOES NOT FULLY OPEN.

NAVSEA S9593-BJ-MMC-010/64707  
NAVSEAINST 9593.2

JSN :

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2GEP                OWS, DECK DISCHARGE CONNECTIONS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OWS DECK RISERS

THE OWS DECK CONNECTIONS HAD THE FOLLOWING DEFICIENCIES:

- THE DISCHARGE PIPING FOR THE GTD WAS NOT CONNECTED TO THE

PORT AND STARBOARD RISERS.

- THE DISCHARGE PIPING FOR THE OWT AND FO STRIPPING PUMPS WAS NOT CONNECTED TO THE PORT AND STARBOARD RISERS.
- THE DISCHARGE PIPING WAS NOT SIZED TO HANDLE THE MAXIMUM FLOW POSSIBLE WITH ALL PUMPS RUNNING.
- THE DECK DISCHARGE CONNECTION ON THE WEATHER DECK WAS NOT ACCESSIBLE FROM BOTH PORT AND STARBOARD.
- MED-MOOR DECK CONNECTIONS WERE NOT PROVIDED.
- RISERS WERE MISSING CAMLOCK QUICK DISCONNECT WITH KEEPER CHAINS INSTALLED.
- RISERS WERE MISSING A 2.5 INCH ADAPTER ONBOARD TO ALLOW DISCHARGE AT NON-NAVY, COMMERCIAL OR FOREIGN PORTS.

NAVSEAINST 9593.2

NAVSEA S9593-AY-MMM-010

NAVSEA S9593-AY-GYD-010/6699

NAVSEA DWG. 810-2145526 (NSN 9C 4730-00-602-3160)

SHIP SPEC 593 (APPLICABLE TO NEW CONSTRUCTION ONLY)

JSN :

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2GEP OWS, DISCHARGE PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: PIPING

OPB-10NP OWS PUMP DISCHARGE PIPING HAD THE FOLLOWING DEFICIENCIES:

- THE PITOT TUBE WAS MISSING OR WAS NOT PROPERLY INSTALLED.
- THE PITOT TUBE WAS NOT INSTALLED SO THAT ITS DISCHARGE WOULD NOT IMPINGE ON ELECTRICAL HARDWARE.
- THE RELIEF VALVE DISCHARGE WAS NOT PIPED DOWNWARD TO PREVENT A SPRAY HAZARD.
- THE RELIEF VALVE DID NOT RELIEVE AT 28 PSIG.
- THE RELIEF VALVE DID NOT RESET AT 23 PSIG.
- THE RELIEF VALVE TAILPIECE WAS NOT DIRECTED TO A FUNNEL THAT DRAINED TO THE OWHT.
- THE RELIEF VALVE DISCHARGE WAS NOT VISIBLE FOR OBSERVATION BY THE OWS OPERATOR.

NAVSEAINST 9593.2

NAVSEA S9593-BJ-MMC-010/64607

JSN :

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2GEP OWS, DISTILLATE:

Serial # : Loc : RAC :

W\C : CSMP Name: DISTILLATE

- THE EVAPORATOR DID NOT AUTOMATICALLY DUMP DISTILLATE DISCHARGE OVERBOARD.
- GRAVITY DRAINED DUMPS WERE NOT LOCATED 3 FEET ABOVE A GAGGED SCUPPER VALVE VIA A FUNNEL.
- A FLOAT ACTIVATED SWITCH WAS NOT PROVIDED TO ACTIVATE THE PUMP TO DISCHARGE THE TANK OVERBOARD.
- THE PUMP WAS NOT THE CORRECT SIZE FOR DUMP FLOW.

NAVSEAINST 9593.2

JSN :

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2GEP OWS, EFFLUENT PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: EFFLUENT

- (SPECIFY MODEL) DISCHARGE EFFLUENT PIPING WAS NOT COPPER NICKEL.
- (SPECIFY MODEL) DISCHARGE EFFLUENT PIPING COMPONENTS WERE NOT INSTALLED IN THE CORRECT ORDER OR WERE NOT ORIENTED FOR PROPER FLOW (SPECIFY).

NAVSEA S9593-BJ-MMC-010/64707

NAVSEAINST 9593.2

JSN :

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2GEP OWS, EFFLUENT QUALITY:

Serial # : Loc : RAC :

W\C : CSMP Name: EFFLUENT

THE OIL WATER SEPARATOR FAILED TO PRODUCE A CLEAN EFFLUENT. (BY VISUAL ANALYSIS THE EFFLUENT CREATED A SHEEN ON THE SURFACE OF THE WATER SAMPLE TAKEN, HAD VISIBLE SUSPENDED OIL IN THE WATER SAMPLE, AND/OR WAS MEASURED AS ABOVE 15 PPM BY INSTALLED OCM OR PORTABLE OCM. LIMIT OF 15PPM OR LESS EFFECTIVE FY01 IAW UNIFORM NATIONAL DISCHARGE STANDARDS.)

OPNAVINST 5090.1B, 19-5.4.2A

DOD DIRECTIVE 6050.15

JSN :

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2GEP OWS, FLOW SENSOR:

Serial # : Loc : RAC :

W\C : CSMP Name: FLOW SENSOR

- THE FLOW SENSOR HAD THE FOLLOWING DEFICIENCIES:
- THE SENSOR ASSEMBLY WAS NOT MOUNTED IN A HORIZONTAL PIPE RUN WITH THE SENSOR ORIENTED VERTICALLY.
  - THE SENSOR WAS NOT LOCATED SUCH THAT RETAINED PIPE FLUID COULD FLOOD THE SENSOR ASSEMBLY UNDER A NO FLOW CONDITION.
  - THE TOP OF THE SENSOR WAS NOT PROTECTED FROM DAMAGE BY A 3/4" CONDUIT AND THE ASSOCIATED CABLE WAS NOT INSTALLED IN CONDUIT TO THE CONTROL PANEL.
  - SCRIBE MARKS ON SENSOR MOUNTING FLANGES WERE NOT PROPERLY ALIGNED (PROBE GAP PARALLEL TO FLOW).
  - FLOW SENSORS WERE INOP.

NAVSEA S9593-AY-MMM-010

NAVSEA S9593-AY-GYD-010/6699

NAVSEAINST 9593.2

JSN :

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2GEP            OWS, FLOW TOTALIZER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: TOTALIZER

- THE (SPECIFY MODEL) FLOW TOTALIZER WAS NOT ACCESSIBLE FOR OBSERVATION.
- FLOW TOTALIZER GLASS WAS CRACKED.
- FLOW TOTALIZER WAS NOT ACCESSIBLE FOR CLEANING.

NAVSEAINST 9593.2  
NAVSEA S9550-AB-MMA-010

JSN :

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2GEP            OWS, FLUSHING COMPONENTS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: FLUSHING

- (SPECIFY MODEL) FLUSHING COMPONENTS DID NOT HAVE COPPER NICKEL PIPING.
- (SPECIFY MODEL) FLUSHING COMPONENTS WERE NOT INSTALLED IN CORRECT ORDER OR WERE NOT ORIENTED PROPERLY FOR FLOW (SPECIFY).
- (SPECIFY MODEL) FLUSHING COMPONENT SOLENOID VALVE WAS NOT MOUNTED ON A HORIZONTAL PIPE WITH THE SOLENOID VALVE UPRIGHT.
- (SPECIFY MODEL) FLUSHING COMPONENT MINIMUM WATER PRESSURE SERVICE WAS NOT AVAILABLE FOR BACKFLUSHING.
- (SPECIFY MODEL) FLUSHING COMPONENTS CHECK VALVE WAS NOT INSTALLED ON THE FLUSHING LINE.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP            OWS, INTEGRATED LOGISTICS SUPPORT:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OWS ILS

- (SPECIFY MODEL) OWS:
- THE SIB/GIB WAS NOT UPDATED.
- THE OWS SYSTEM WAS NOT COVERED BY THE COSAL.
- THE DAMAGE CONTROL BOOK AND DAMAGE CONTROL PLATES WERE NOT UPDATED TO SHOW THE OWS INSTALLATION.
- THE EOSS WAS NOT ONBOARD OR WAS NOT CORRECT FOR EITHER INSTALLATION OR OPERATION.
- THERE WERE NO MANUFACTURER TECH MANUALS ON BOARD.
- PMS WAS NOT INSTALLED FOR THE SYSTEM (OR PMS WAS NOT INSTALLED FOR THE FOLLOWING COMPONENTS OF THE SYSTEM (LIST)).

NAVSEAINST 9593.2  
NAVSEA S9593-A6-MMM-010

JSN :

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2GEP            OWS, INTERCONNECTING PIPING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PIPING

(SPECIFY MODEL) OWS INTERCONNECTING AND MISCELLANEOUS PIPING  
HAD THE FOLLOWING DEFICIENCIES:

- THE OCM RAKE SAMPLER WAS MISSING/NOT INSTALLED ON THE OWS  
DISCHARGE LINE DOWN STREAM OF THE WATER MOTORIZED VALVE.
- PRESSURE GAGES WERE MISSING ON EITHER SIDE OF THE DUPLEX  
STRAINER.
- GAGE LINES WERE NOT PROPERLY INSTALLED TO AVOID DAMAGE AND  
WERE NOT EQUIPPED WITH ISOLATION VALVES.
- INTERCONNECTING OWS PIPING WAS INCORRECTLY INSTALLED.
- OWS PIPING HAD LEAKS AS FOLLOWS:

NAVSEAINST 9593.2  
NAVSEA S9593-CD-MMO-010/25204  
NAVSEA S9593-AY-MMM-010  
NAVSEA S9593-AY-GYD-010/6699

JSN :

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2GEP            OWS, LABELING AND PLACARDS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OWS LABEL

OWS LABELING AND PLACARDS HAD THE FOLLOWING DEFICIENCIES:

- OWS AND OILY WASTE TRANSFER SYSTEM OPERATING INSTRUCTIONS  
DID NOT MATCH THE INSTALLED SYSTEM.
- THE OPERATING INSTRUCTION PLACARD WAS NOT MOUNTED AS  
CLOSED AS PRACTICAL TO THE MAIN CONTROL PANEL.
- SYSTEM VALVES WERE MISSING LABELS INDICATING VALVE NUMBER  
AND FUNCTION.
- AN ELECTRICAL CONTROL SCHEMATIC DIAGRAM WAS NOT POSTED  
INSIDE THE MAIN CONTROL PANEL.
- TAGS WERE MISSING ON RELIEF VALVES INDICATING SET  
PRESSURE, DATE SET AND SETTING ACTIVITY.
- A WARNING PLACARD RESTRICTING THE OVERBOARD DISCHARGE OF  
OILY WASTE WAS NOT POSTED AT THE OWS PUMP CONTROLLER OR  
OVERBOARD VALVE. MUST STATE "WARNING - DISCHARGE OF OIL  
PROHIBITED".

NAVSEAINST 9593.2  
SHIP SPEC 593 (APPLICABLE TO NEW CONSTRUCTION ONLY)

JSN :

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2GEP            OWS, MEMBRANE FILTER UNIT:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: MEMBRANE FILTER

- THE MEMBRANE FILTER UNIT ON THE OWS WAS INCORRECTLY  
INSTALLED.
- THE MEMBRANE FILTER UNIT FILTERS FAILED TO SEAT PROPERLY  
AND WERE ALLOWING BYPASS.
- THE MEMBRANE FILTER UNIT FILTERS HAD NOT BEEN CHANGED OUT.



- THE MEMBRANE FILTER UNIT WAS INOP.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, NON-OILY WASTE SEGREGATION:

Serial # : Loc : RAC :

W\C : CSMP Name: DRAINS

- DRAINS FROM NON-OILY WATER SYSTEMS (I.E. ICE MAKERS, DRINKING FOUNTAINS, AIR CONDITIONERS, AND COOLING COILS) WERE NOT DIRECTED TO A WASTE WATER DRAIN COLLECTING TANK AND PUMPED DIRECTLY OVERBOARD.
- WASTE FROM THE CENTRIFUGAL LUBE OIL PURIFIER BOWL DRAIN WAS NOT PIPED TO A WASTE OIL TANK.

NAVSEAINST 9593.2

JSN :

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2GEP OWS, OIL DISCHARGE PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: OIL PIPING

(SPECIFY MODEL) OWS OIL DISCHARGE PIPING HAD THE FOLLOWING DEFICIENCIES:

- WASTE OIL DISCHARGE WAS NOT PIPED TO THE WOT.
- THE SOLENOID VALVE WAS NOT INSTALLED IN A HORIZONTAL PIPE WITH THE SOLENOID IN THE UPRIGHT POSITION.
- COMPONENTS WERE NOT INSTALLED IN THE CORRECT ORDER AND/OR WERE NOT ORIENTED FOR PROPER FLOW (SPECIFY).

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, OIL SENSOR:

Serial # : Loc : RAC :

W\C : CSMP Name: OIL SENSOR

THE (SPECIFY MODEL) OIL SENSOR HAD THE FOLLOWING DEFICIENCIES:

- THE SENSOR WAS NOT INSTALLED HORIZONTALLY.
- THE OIL SENSOR WAS NOT ACCESSIBLE FOR MAINTENANCE.
- THE SENSOR WAS NOT ORIENTED FOR PROPER FLOW.
- THE SENSOR WAS INOPERABLE.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, OIL/WATER INTERFACE SENSOR:

Serial # : Loc : RAC :

W\C : CSMP Name: SENSOR

PRIMARY AND BACKUP OIL/WATER INTERFACE SENSORS HAD THE FOLLOWING DEFICIENCIES:

- STUFFING TUBES WERE NOT IN PLACE AROUND CABLE PENETRATIONS.
- UNUSED CABLE PENETRATIONS WERE NOT PLUGGED.
- SENSOR HAD INSUFFICIENT CLEARANCE TO BE REMOVED FROM TANK WITHOUT DISASSEMBLY.
- SENSORS WERE INOPERATIVE.
- SENSORS WERE NOT ADJUSTED CORRECTLY (CAPACITANCE TYPE).

NAVSEAINST 9593.2  
NAVSEA S9550-AB-MMA-010

JSN :

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2GEP OWS, OP MODES/INDICATORS/CONTROLS:

Serial # : Loc : RAC :

W\C : CSMP Name: OWS

- OVERRIDE MODE WOULD NOT INITIATE OWS PUMP TO START - NO FLOW INDICATOR DID NOT OPERATE (FLOW LEVEL SENSOR WAS LOCATED ABOVE THE OWS PUMP VICE AT THE SAME LEVEL AS THE OWS PUMP SUCTION LINE).
- OIL FLOODED INDICATOR LIGHT DID NOT OPERATE UNTIL THE OVERRIDE BUTTON WAS DEPRESSED, SHOULD OPERATE AUTOMATICALLY.
- STRAINER PLUGGED INDICATOR DID NOT OPERATE WHEN STRAINER DIFFERENTIAL PRESSURE EXCEEDED 2 1/2 PSIG AS REQUIRED.
- OWS DID NOT OPERATE IN AUTOMATIC MODE.

NAVSEA S9593-AY-GYD-010/60699

JSN :

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2GEP OWS, OPB-10N VACUUM PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: OPB-10N

OPB-10N VACUUM PIPING HAD THE FOLLOWING DEFICIENCIES:

- THE FOLLOWING VALVES WERE NOT INSTALLED TO PERMIT USE AND MAINTENANCE (LIST):
- THE LIQUID TRAP WAS NOT INSTALLED IN A LOW POINT OF THE PIPING.
- THE VACUUM PIPING WAS NOT CONNECTED CORRECTLY TO THE PUMP STAND.
- THE VACUUM PUMP DID NOT DISCHARGE TO THE ATMOSPHERE.

NAVSEAINST 9593.2  
NAVSEA S9550-AB-MMA-010

JSN :

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2GEP OWS, OVERBOARD DISCHARGE PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: PIPING

OWS OVERBOARD DISCHARGE PIPING WAS NOT MADE OF COPPER NICKEL.

- OWS OVERBOARD DISCHARGE PIPING COMPONENTS WERE NOT INSTALLED IN THE CORRECT ORDER AND/OR WERE ORIENTED FOR PROPER FLOW (SPECIFY).
- OWS OVERBOARD DISCHARGE PIPING SOLENOID VALVE WAS NOT MOUNTED ON A HORIZONTAL PIPE WITH THE SOLENOID UPRIGHT.
- OVERBOARD DISCHARGE WAS ABOVE THE WATER LINE.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, OVERBOARD DISCHARGES:

Serial # : Loc : RAC :

W\C : CSMP Name: OVRFLWS

OVERBOARD DISCHARGE PIPING HAD THE FOLLOWING DEFICIENCIES:

- OVERFLOWS WERE NOT PROPERLY INSTALLED
- OVERFLOW PIPING WAS NOT ADEQUATELY SIZED TO HANDLE THE COMBINED FILLING RATE OF ALL TANKS.
- THE FUEL OIL SERVICE TANK OVERFLOW WAS NOT HIGHER THAN THE FUEL OIL STORAGE TANK OVERFLOW HIGH POINT.
- THERE WAS NO INSTALLED CHECK VALVE IN THE FUEL OIL SERVICE TANK OVERFLOW.
- DMF AND JP-5 TANKS DID NOT HAVE DEDICATED OVERFLOWS.

NAVSEAINST 9593.2

JSN :

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2GEP OWS, OWT SUCTION PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: SUCTION PIPING

- AN EXPANDED CORROSION RESISTANT METAL SCREEN (MONEL, ST, ETC) WAS NOT INSTALLED AROUND BILGE SUCTION TERMINALS FOR ALL SUCTIONS (LIST).
- CHECK VALVES AND BALL VALVES WERE NOT INSTALLED AN ALL SUCTIONS (LIST).
- HOSE CONNECTIONS WERE NOT PROVIDED TO SERVICE ALL AREAS NOT ACCESSIBLE WITH DEDICATED PIPING.

NAVSEA S9593-AY-GYD-010/6699

NAVSEA S9593-AAAY-MMM-010

NAVSEAINST 9593.2

JSN :

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2GEP OWS, PIPING:

Serial # : Loc : RAC :

W\C : CSMP Name: PIPING

- MISCELLANEOUS PIPING HAD THE FOLLOWING DEFICIENCIES:
- A DEDICATED PIPE TO FUNNEL PRIMING SOURCE WAS NOT INSTALLED.

NAVSEAINST 9593.2

NAVSEA S9550-AB-MMA-010

JSN :

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2GEP OWS, PITOT SAMPLING TUBE:

Serial # : Loc : RAC :

W\C : CSMP Name: PITOT TUBE

- OWS OIL DISCHARGE PIPING, OWS TANK INLET PIPING, AND OWS WATER DISCHARGE PIPING DID NOT HAVE A PITOT TUBE SAMPLER INSTALLED.
- PITOT TUBE SAMPLERS WERE NOT ACCESSIBLE FOR SAMPLING OR CORRECTLY ORIENTED.

NAVSEA S9593-AY-MMM-010

NAVSEA S9593-AY-GYO-010/6699

NAVSEAINST 9593.2

JSN :

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2GEP OWS, POLISHING UNIT:

Serial # : Loc : RAC :

W\C : CSMP Name: POLISHER

- THE OWS POLISHING UNIT ILS WAS MISSING/INSUFFICIENT/HAD THE FOLLOWING DEFICIENCIES:
- THE OWS POLISHING UNIT MEDIA HAD NOT BEEN CHANGED OUT AS REQUIRED.
- THE OWS POLISHING UNIT WAS INCORRECTLY INSTALLED.
- THE OWS POLISHING UNIT WAS INOP.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, PUMP PRIMING:

Serial # : Loc : RAC :

W\C : CSMP Name: PRIMING

- RECIRCULATION PIPING WAS NOT INSTALLED IN CORRECT ORDER IN ACCORDANCE WITH SYSTEM DIAGRAMS.
- THE RECIRCULATION LINE WAS NOT AT OR BELOW THE SEPARATOR FOUNDATION LEVEL.
- THE NEEDLE VALVE WAS NOT ADJUSTED TO 0.25 GPM (1/8 TURN TO 1/4 TURN OPEN).
- THE RECIRCULATION PIPE WAS NOT CONNECTED CLOSE TO THE PUMP SUCTION.
- THE SOLENOID ACTUATOR WAS NOT ORIENTED VERTICALLY.

NAVSEA S9593-AY-MMM-010

NAVSEA S9593-AY-GYD-010/6699

NAVSEAINST 9593.2

JSN :

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2GEP OWS, PUMP RELIEF VALVE:

Serial # : Loc : RAC :

W\C : CSMP Name: VALVE

- THE (SPECIFY MODEL) PUMP RELIEF VALVE DRAIN WAS NOT PIPED DOWNWARD TO THE BILGE OR OWHT VIA A FUNNEL.
- THE RELIEF VALVE WAS NOT SET TO THE CORRECT PRESSURE/LACKED A LABEL.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, PUMPS:

Serial # : Loc : RAC :

W\C : CSMP Name: PUMP

(SPECIFY MODEL) PUMP:

- THE PUMP DID NOT ROTATE IN THE CORRECT DIRECTION.
- THE PUMP JUNCTION BOX UNIT WAS NOT FREE FROM WATER IMPINGEMENT.
- THE PUMP WAS INOP (STATE REASONS IF KNOWN).
- THE PUMP WAS EXCESSIVELY NOISY.
- PUMP BELT WAS IN POOR CONDITION.
- PUMP WAS OUT OF ALIGNMENT.
- PUMP BELT/COUPLING GUARD WAS NOT INSTALLED.
- PUMP GEAR REDUCER OIL CONTAMINATED OR LOW LEVEL.
- THE PUMP ASSEMBLY WAS NOT AT OR BELOW THE TANK FOUNDATION LEVEL.
- THE PUMP DID NOT ROTATE CORRECTLY AND PRESSURIZE PACKING
- THE BELT WAS NOT PROPERLY TENSIONED.
- THE BELT GUARD WAS NOT INSTALLED.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, RELIEF VALVE:

Serial # : Loc : RAC :

W\C : CSMP Name: VALVE

- THE OPB-10NP RELIEF VALVE DISCHARGE WAS NOT PIPED TO THE BILGE.
- THE OPB-10NP RELIEF VALVE TEST SETTING LABEL WAS MISSING.
- THE OPB-10NP RELIEF VALVE DID NOT RELIEVE AT 28 PSI AS DETERMINED BY CLOSING V3 WHEN THE SYSTEM IS OPERATING.

NAVSEA S9593-AY-MMM-010

NAVSEA S9593-AY-GYD-010/6699

NAVSEAINST 9593.2

JSN :

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2GEP OWS, REMOTE PANEL:

Serial # : Loc : RAC :

W\C : CSMP Name: REMOTE PANEL

- THE OPB-10NP REMOTE PANEL WAS NOT MOUNTED IN A CONTINUALLY MANNED SPACE.

- THE OPB-10NP REMOTE PANEL STUFFING TUBES WERE NOT IN PLACE  
AROUND CABLE PENETRATIONS.

NAVSEA S9593-AY-MMM-010  
NAVSEA S9593-AY-GYD-010/6699  
NAVSEAINST 9593.2

JSN :

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2GEP                OWS, SIGHT GLASS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SIGHT GLASS

THE SIGHT GLASS WAS NOT INSTALLED WITH THE SIGHT GLASS  
ORIENTED FOR A HORIZONTAL LINE OF SIGHT, AND ACCESSIBLE  
FOR BACKLIGHTING AND OBSERVATION.

NAVSEA S9593-AY-MMM-010  
NAVSEA S9593-AY-GYD-010/6699  
NAVSEAINST 9593.2

JSN :

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2GEP                OWS, STRAINER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: STRAINER

- THE DUPLEX BASKET STRAINER WAS NOT MOUNTED WITH YOKE FLUSH  
OR ABOVE THE DECK PLATE AND WAS NOT ACCESSIBLE FOR  
OPERATION.  
- THE DIFFERENTIAL PRESSURE SWITCH WAS NOT MOUNTED NEAR THE  
STRAINER OR WAS INOPERABLE.  
- STRAINER BASKET WAS MISSING.  
- GASKETS MISSING IN STRAINER (OR IN POOR CONDITION).  
- STRAINER INSTALLED BACKWARDS.  
- STRAINER BASKETS CLOGGED WITH DEBRIS.  
- DP SWITCH GAGE LINES INSTALLED BACKWARDS.

NAVSEA S9593-AY-MMM-010  
NAVSEA S9593-AY-GYD-010/6699  
NAVSEAINST 9593.2

JSN :

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2GEP                OWS, SUCTION SYSTEM:  
Serial # :    Loc :SEE TEXT    RAC :  
W\C :        CSMP Name: SUCTION

- THE (SPECIFY MODEL) OWS PIPING WAS NOT COPPER NICKEL.  
- THE (SPECIFY MODEL) OWS CHECK VALVE AND BALL VALVE WAS NOT  
INSTALLED IN EACH SUCTION LINE.  
- THE (SPECIFY MODEL) OWS SUCTION PIPING WAS NOT DEDICATED  
FROM THE OWS PUMP TO THE OWHT.  
- THE (SPECIFY MODEL) OWS SUCTION PIPING WAS CROSS CONNECTED  
WITH THE TRANSFER PUMP'S SUCTION.  
- THE (SPECIFY MODEL) OWS SUCTION SOLENOID VALVES WERE  
INOPERABLE (LIST).

- ON THE (SPECIFY MODEL) OWS, SUCTION LEAKS WERE PRESENT IN PIPING.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP OWS, TANK LEVEL SWITCHES:

Serial # : Loc : RAC :

W\C : CSMP Name: OWS TANK

- UPPER AND LOWER TANK LEVEL INDICATORS WERE NOT INSTALLED IN THE OWHT FOR PROPER OPERATION.
- FOR SINGLE OWS INSTALLATIONS, THE HIGH TLS WAS NOT LOCATED AT APPROXIMATELY 50% TANK CAPACITY.
- FOR SINGLE OWS INSTALLATIONS, THE LOW TLS WAS NOT LOCATED ABOVE THE OWS SUCTION LINE TAIL PIECE.
- FOR DUAL OWS, ONE TANK DID NOT HAVE A HIGH LEVEL SWITCH AT 50% AND THE SECOND TANK DID NOT HAVE A HIGH LEVEL SWITCH AT 75%.
- FOR DUAL OWS INSTALLATIONS, A SWITCH WAS NOT INSTALLED TO ALTERNATE OWS OPERATION BETWEEN DUTY AND STANDBY.

NAVSEAINST 9593.2

NAVSEA S9593-CD-MMO-010/25204

JSN :

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2GEP OWS, TANK PRIMING SYSTEM:

Serial # : Loc : RAC :

W\C : CSMP Name: PRIMING

- COPPER NICKEL PIPING WAS NOT INSTALLED.
- SYSTEM COMPONENTS WERE NOT INSTALLED IN THE CORRECT ORDER AND ORIENTED FOR PROPER FLOW.
- HARD PIPED SOURCE OF WATER WAS NOT AVAILABLE FOR PRIMING (SEA WATER OR POTABLE).

NAVSEAINST 9593.2

NAVSEA S9550-BD-MMO-010

JSN :

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2GEP OWS, TANKS:

Serial # : Loc : RAC :

W\C : CSMP Name: TANK

- THE (SPECIFY MODEL) OIL SEPARATOR DID NOT HAVE 16 INCHES OF END CLEARANCE TO REMOVE THE PLATES FOR MAINTENANCE AND OR INSPECTION.
- THE DRAIN WAS NOT PIPED TO THE BILGE OR OWHT WITH A FUNNEL.
- THERE WAS NOT A THREE FOOT CLEARANCE ABOVE THE OWS COVER.
- THE OWS FOUNDATION INFLUENT DID NOT END 3-5 INCHES HIGHER THAN THE EFFLUENT END.

NAVSEAINST 9593.2  
NAVSEA S9550-BD-MMO-010

JSN :

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2GEP            OWS, VGS-10   STAGES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VGS-10

THE VGS-10 OWS (SPECIFY STAGES 1, 2, OR 3) HAD THE FOLLOWING DEFICIENCIES:

- THE TANK WAS NOT MOUNTED TO THE SUB BASE.
- THE CAPACITANCE-TYPE LEVEL DETECTOR PROBE WAS NOT INSTALLED, NOT ADJUSTED OR INOPERATIVE.
- THE AIR ELIMINATOR WAS NOT INSTALLED, DID NOT TERMINATE TO THE ATMOSPHERE AND WAS NOT FREE FROM LEAKS.
- A SIGHT GLASS WAS NOT INSTALLED OR WAS NOT CLEAN.
- THE DRAIN WAS NOT PIPED TO THE WASTE OIL TANK.
- A ZINC WAS NOT INSTALLED OR WAS NOT IN GOOD MATERIAL CONDITION.
- OWS SOLENOID VALVES WERE INOP.

NAVSEAINST 9593.2  
S9550-AN-MMO-010/MOD VGS-10  
S9550-BE-MMA-010/53918

JSN :

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2GEP            OWS, WATER DISCHARGE PIPING:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PIPING

- 10NP WATER DISCHARGE PIPING WAS NOT INSTALLED IN CORRECT ORDER IN ACCORDANCE WITH SYSTEM DIAGRAMS.
- WATER DISCHARGE WAS NOT ABOVE THE WATER LINE.
- THE WATER DISCHARGE PRESSURE WAS GREATER THAN 25 PSIG.
- THE MOTORIZED BALL VALVE WAS NOT LOCATED SO THAT THE ACTUATOR COVER COULD BE REMOVED.

NAVSEA S9593-AY-MMM-010  
NAVSEA SP593-AY-GYD-010/6699  
NAVSEAINST 9593.2

JSN :

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2GEP            OWT, GAGES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: GAGES

- OWT GAGES DID NOT HAVE CURRENT CALIBRATION/NCR LABELS.
- OWT GAGES WERE INOPERABLE.
- OWT GAGES WERE INCORRECTLY INSTALLED.

NAVSEAINST 9593.2  
NSTM 593



JSN :

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2GEP            OWT, PIPING SYSTEM:

Serial # :    Loc :    RAC :

W\C :        CSMP Name: PIPING

THE FOLLOWING CLASS DEFICIENCY EXISTED ON DDG\_\_\_:

- THERE WERE NO MEANS PROVIDED FOR PUMPING THE AFT STEERING BILGE TO THE OILY WASTE TRANSFER SYSTEM. BILGE COULD ONLY BE EDUCTED DIRECTLY OVERBOARD. (SEE ECP-51-1344 FOR CORRECTIVE ACTION).
- THERE WERE NO MEANS PROVIDED FOR PUMPING THE AFT STEERING BILGE AREAS. OWT SYSTEM DOES NOT EXTEND TO ALL SPACES CAPABLE OF GENERATING OILY WASTE.
- HOSE CONNECTIONS WERE NOT INSTALLED IN THE FOLLOWING SPACES:

OPNAVINST 5090.1B

ECP-51-1344

JSN :

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2GEP            OWT, PRESSURE GAGES:

Serial # :    Loc :    RAC :

W\C :        CSMP Name: GAGES

(SPECIFY MODEL) OWS:

- THE GAGES WERE NOT VISIBLE FROM THE CONTROL PANEL.
- THE GAGE LINES WERE NOT INSTALLED TO MEET THE FLEXIBILITY REQUIREMENT.
- THE GAGE LINES WERE NOT PROTECTED FROM INADVERTENT DAMAGE.
- THE GAGE LINE ISOLATION VALVE 1/4" GLOBE-TYPE UNION END WAS NOT EQUIPPED FOR BOTH WATER AND OIL SERVICE.
- THE GAGE WAS NOT IN GOOD CONDITION OR DID NOT HAVE CURRENT CALIBRATION/NCR LABELS.
- GAGE LINES LEAKED OR WERE CLOGGED.

NAVSEA S9593-BJ-MMC-010/64707

JSN :

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2GEP            OWT, PUMP:

Serial # :    Loc :    RAC :

W\C :        CSMP Name: OWT PUMP

THE OILY WASTE TRANSFER (OWT)/FUEL OIL (FO) PUMP(S) HAD THE FOLLOWING DEFICIENCIES:

- PUMP WAS INOPERABLE.
- BLACKMER PUMP NOT PROVIDED WITH RECIRC CHAMBER.
- THE OWT/FO STRIPPING PUMPS WERE NOT CROSS-CONNECTED ON THE SUCTION SIDE BY A BALL VALVE AND AN ISOLATION CHECK VALVE.
- THE OWT/FO STRIPPING PUMP DISCHARGE PIPES WERE NOT CROSS CONNECTED WITH A LOCKED CLOSED ISOLATION VALVE.
- ONE MOTOR DRIVEN PUMP WAS NOT INSTALLED AND USED FOR OWT (APPLIES TO STEAM SHIPS WITH RECIPROCATING PUMPS).

- OWT PUMP WAS NOT PROPERLY SIZED TO OFF-LOAD OWHT IN 1 TO 2 HOURS.
- INLET CONNECTION FOR THE RECIRCULATION CHAMBER WAS NOT AT THE SAME LEVEL AS THE OWT PUMP.
- THE OUTLET CONNECTION FOR THE RECIRCULATION CHAMBER WAS NOT HIGHER THAN THE INLET CONNECTION.

NAVSEA 9593.2  
OPNAVINST 5090.1B

JSN :

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2GEP            OWT, VALVES:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VALVES

- THE OWT SYSTEM VALVE(S) HAD THE FOLLOWING DEFICIENCIES:
- VALVES NOT LABELED.
  - MISSING/BROKEN HANDLES.
  - INOP.
  - LEAKED.
  - WERE NOT COLOR CODED BLACK.

NAVSEA 9593.2

JSN :

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2GEP            OWT, WASTE OIL TANK:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: OWT

- THE WASTE OIL TANK LACKED TANK LEVEL INDICATORS.
- THE WOT WAS INCORRECTLY PIPED.
- THE WOT LACKED AN AIR VENT AND/OR SOUNDING TUBE.

NAVSEA 9593.2

JSN :

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2GEP            P2 EQUIPMENT, CABLE CLEANER/LUBRICATOR:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CABLE CLNR

- THE CABLE CLEANER/LUBRICATOR WAS DAMAGED.
- THE CABLE CLEANER/LUBRICATOR WAS NOT PROPERLY CLEANED AFTER USE (ALL PARTS CAN BE CLEANED IN THE AQUEOUS PARTS WASHER).
- THE CABLE CLEANER/LUBRICATOR WAS INOP.
- THE CABLE CLEANER/LUBRICATOR HAD THE FOLLOWING DEFICIENCIES/PARTS MISSING:
- CABLE CLEANER/LUBRICATOR TECHNICAL MANUAL WAS NOT ON BOARD.

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856  
P2 AFLOAT EQUIPMENT MANUAL S9593-CS-CAT-010  
TECHNICAL MANUAL S9582-BH-MMO-010  
APL 658880017  
NSN 4930-01-424-2197

JSN :

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2GEP                    P2 EQUIPMENT, HIGH VOLUME LOW VELOCITY PAINT SPRAY SYSTEM:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: HVLV SPRAYER

THE HVLV PAINT SPRAY SYSTEM:  
- WAS INOP.  
- TECHNICAL MANUAL WAS NOT ON BOARD.  
- WAS NOT PROPERLY CLEANED AFTER USE.  
- HAD THE FOLLOWING DEFICIENCIES:

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS  
NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR  
AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856  
P2 AFLOAT EQUIPMENT MANUAL S9593-CS-CAT-010  
APL 419990367  
NSN 4940-01-457-1929

JSN :

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2GEP                    P2 EQUIPMENT, LARGE AQUEOUS PARTS WASHER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PARTS WASHER

THE LARGE AQUEOUS PARTS WASHER:  
- WAS INOP.  
- DID NOT HAVE PMS INSTALLED.  
- PMS WAS NOT BEING ACCOMPLISHED.  
- HAD A WATER LEVEL LESS THAN 11 INCHES.  
- FILTERCHIP BASKET WAS NOT CLEANED OUT/WAS MISSING/WAS  
DAMAGED.  
- EXHAUST VENTILATION WAS NOT ATTACHED/WAS DAMAGED.  
- OIL SKIMMER WAS INOP.  
- WAS DIRTY/HAD DEBRIS.  
- PRESSURE DROP ACROSS THE FILTER BAG WAS GREATER THAN 10  
PSI.  
- HAD GREATER THAN 1 INCH OF SLUDGE IN THE TANK.  
- TECHNICAL MANUAL WAS NOT ON BOARD.  
- TITRATION KIT WAS MISSING.

- HAD THE FOLLOWING DEFICIENCIES:

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS  
NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR  
AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856  
P2 AFLOAT EQUIPMENT MANUAL S9593-CS-CAT-010  
NAVAIR 17-5-7  
PMS MIP 6613/034-60  
APL 419990368 (POWER PANEL APL 509991881)  
NSN 4940-01-435-1595

JSN :

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2GEP                    P2 EQUIPMENT, MERCURY ION EXCHANGE CARTRIDGE SYSTEM:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: MERSORB

THE AMOUNT OF LIQUID PROCESSED THROUGH THE MERCURY ION  
EXCHANGE CARTRIDGE SYSTEM WAS NOT RECORDED IN THE REQUIRED  
LOG BOOK.

THE MERCURY ION EXCHANGE CARTRIDGE INSTALLATION AND  
EXPIRATION DATES (6 MONTHS) WERE NOT RECORDED ON THE  
CARTRIDGE IN PERMANENT MARKER.

THE MERCURY ION EXCHANGE CARTRIDGE SYSTEM:

- TECHNICAL MANUAL WAS NOT ON BOARD.
- WAS NOT IN USE DUE TO:
- PMS WAS NOT INSTALLED/NOT BEING PERFORMED.
- DID NOT MAINTAIN THE PROPER WATER LEVEL.
- HAD THE FOLLOWING DEFICIENCIES:
- TYGON TUBING, INSTALLED AFTER THE FIRST CARTRIDGE, WAS  
STAINED PURPLE (INDICATED A NEED TO CHANGE THE CARTRIDGE OR  
IMPROPER SET UP OF CARTRIDGE).

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS  
NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR  
AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856  
P2 AFLOAT EQUIPMENT MANUAL S9593-CS-CAT-010  
NSTM S9086-GX-STM-020/CH-220 V2  
PMS MIP 6630-024-10  
APL 469990293  
NSN 4610-01-473-4675

JSN :

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2GEP            P2 EQUIPMENT, MISCELLANEOUS EQUIPMENT:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: P2

(INSPECTOR NOTE: USE THIS CARD FOR THE CAN CRUSHER,  
FLUORESCENT BULB CRUSHER, PAINT CAN CRUSHERS, ETC.).

- THE P2 EQUIPMENT (SPECIFY) WAS INOP.
- THE P2 EQUIPMENT (SPECIFY) HAD THE FOLLOWING DEFICIENCIES:

NOTE: THERE IS NO TECHNICAL SPONSOR FOR MISCELLANEOUS  
P2-RELATED COTS EQUIPMENT PROCURED BY THE SHIP.

EXECUTIVE ORDER 12856  
MANUFACTURER'S TECHNICAL MANUAL

JSN :

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2GEP            P2 EQUIPMENT, PAINT DISPENSING SYSTEM:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PAINT DISPENSER

- \_\_\_\_ OF \_\_\_\_ PAINT DISPENSERS INSPECTED WERE INOP.
- PMS WAS NOT INSTALLED FOR THE PAINT DISPENSERS.
- PMS WAS NOT BEING PERFORMED.
- THE PAINT DISPENSER TECHNICAL MANUAL WAS NOT ON BOARD.
- LID CLAMPS ON \_\_\_\_ OF \_\_\_\_ PAINT DISPENSERS WERE  
DAMAGED/MISSING.
- FILTER SCREENS ON \_\_\_\_ OF \_\_\_\_ PAINT DISPENSERS WERE  
MISSING/CLOGGED WITH PAINT SOLIDS.
- THE PAINT TRAY WAS MISSING ON \_\_\_\_ OF \_\_\_\_ PAINT  
DISPENSERS.
- THE VACUUM BREAKER ON \_\_\_\_ OF \_\_\_\_ PAINT DISPENSERS WAS  
INOP.
- THE PAINT FILL HOSE WAS DAMAGED/CLOGGED/MISSING.
- THE PAINT FILL BOILER VALVE WAS NOT INSTALLED WITH THE  
OPENING IN A 45 DEGREE DOWN POSITION.
- THE PAINT MIXER/PNEUMATIC DRILL WAS MISSING/INOP.
- THE AIR PRESSURE REGULATOR WAS NOT SET BETWEEN 60 AND 80  
PSI.
- PAINT SPILLAGE/DRIPPAGE WAS NOT PROMPTLY CLEANED UP.
- \_\_\_\_ OF \_\_\_\_ PAINT DISPENSERS WERE NOT FILLED TO THE  
TECHNICAL MANUAL RECOMMENDATION OF BETWEEN 5 AND 25 INCHES  
FROM THE TOP.
- \_\_\_\_ OF \_\_\_\_ PAINT DISPENSERS HAD THE FOLLOWING  
DEFICIENCIES:

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS  
NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR  
AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856

P2 AFLOAT EQUIPMENT MANUAL S9593-CS-CAT-010  
PMS MIP 6656/006-10  
NAVSEA SG200-DA-MMC-010  
APL 419990364  
NSN 4940-01-467-3245

JSN :

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2GEP                    P2 EQUIPMENT, PAINT GUN CLEANING SYSTEM:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PAINT GUN

THE PAINT GUN CLEANING SYSTEM:  
- WAS INOP.  
- TECHNICAL MANUAL WAS NOT ON BOARD.  
- SOLVENT WAS NOT DRAINED AND STORED IN AN APPROVED  
CONTAINER AFTER STATION WAS IDLE FOR MORE THAN 7 DAYS (MRC  
R-1 APPLIES).  
- DID NOT HAVE PMS INSTALLED/WAS NOT PERFORMED.  
- AUTOMATIC VAPOR EXTRACTION SYSTEM (3 INCH FLEXIBLE HOSE  
ATTACHED TO SHIP'S EXHAUST DUCT - GRACO MODEL ONLY) WAS  
DAMAGED/MISSING.  
- WAS NOT CLEANED/WIPED DOWN AFTER USE.  
- HAD THE FOLLOWING DEFICIENCIES:

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS  
NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR  
AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856  
P2 AFLOAT EQUIPMENT MANUAL S9593-CS-CAT-010 (UNIRAM BRAND)  
NAVAIR TM NUMBER 17-1-132 (GRACO BRAND)  
PMS MIP 6656/005-C9  
APL 41A00019  
NSN 0099-LL-H55-4020

JSN :

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2GEP                    P2 EQUIPMENT, TOP-LOADING AQUEOUS PARTS WASHER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PARTS WASHER

THE TOP-LOADING AQUEOUS PARTS WASHER:  
- WAS INOP.  
- TECHNICAL MANUAL WAS NOT ON BOARD.  
- DID NOT HAVE THE PMS INSTALLED.  
- LID SUPPORT SHOCKS FAILED TO SUPPORT THE LID.  
- LID SAFETY SWITCH WAS INOP.  
- LID LATCH WAS DAMAGED.  
- LID GASKETS WERE DAMAGED/MISSING.  
- FOLLOWING HOSES WERE DAMAGED:  
- TITRATION KIT WAS MISSING.  
- FILTERCHIP BASKETS WERE NOT CLEANED OUT/WERE DAMAGED/WERE

MISSING.

- WAS DIRTY AND HAD DEBRIS.
- HAD LEAKS AND DAMAGE AS FOLLOWS:
- HAD A WATER LEVEL OF LESS THAN 7 1/2 INCHES FORM THE BOTTOM OF THE HOLDING TANK (MRC R-1 APPLIES).
- HAD GREATER THAN 1 INCH OF SLUDGE IN THE HOLDING TANK (MRC R-2 APPLIES).
- HAD A PRESSURE DROP ACROSS THE FILTER THAT EXCEEDED 15 PSI (MRC R-3 APPLIES).
- HAD THE FOLLOWING DEFICIENCIES:

NOTE: TECHNICAL SPONSOR FOR ASSISTANCE ON P2 EQUIPMENT IS NSWCCD CODE 632 AT (301) 227-5243 OR (215) 897-1081. FOR AREA REPS CALL:

NORFOLK - (757) 444-3872, EXT 1331 OR 1337.  
SAN DIEGO - (619) 556-6021/0713/3693.  
MAYPORT - (904) 270-6030, EXT 266 OR 278.

EXECUTIVE ORDER 12856  
P2 AFLOAT EQUIPMENT MANUAL SL172-AB-LSS-010  
PMS MIP 6613/033-C9  
APL 41A990009  
NSN 4940-01-470-7015

JSN :

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2GEP                    PWP, CLOSED LOOP COOLING UNIT (CLCU) ELECTRICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CLCU ELE

CLOSED LOOP COOLING UNIT (CLCU) NR\_\_\_\_\_ HAD THE FOLLOWING DEFICIENCIES:

- LIQUID LEVEL SWITCH WAS BROKEN/INOP.
- INDICATOR LIGHTS WERE INOP.
- REAR ELECTRICAL CABLES/CONNECTIONS FAULTY.

NAVSEA S9593-C4-MMM-010  
CMU TECH MANUAL 0910-LP-596-0600  
MIP 5933/004-41

JSN :

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2GEP                    PWP, CLOSED LOOP COOLING UNIT (CLCU) GENERAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CLCU GEN

CLOSED LOOP COOLING UNIT NR\_\_\_\_\_ (CLCU) HAD THE FOLLOWING DEFICIENCIES:

- UNIT WAS CORRODED.
- UNIT WAS EXCESSIVELY DIRTY.

NAVSEA S9593-C4-MMM-010  
CMU TECH MANUAL 0910-LP-596-0600  
MIP 5933/004-41

JSN :

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2GEP            PWP, CLOSED LOOP COOLING UNIT (CLCU) MECHANICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: CLCU MECH

CLOSED LOOP COOLING UNIT (CLCU) NR\_\_\_\_\_ HAD THE FOLLOWING  
DEFICIENCIES:

- RELIEF VALVE WAS INOP.
- PUMP WAS INOP.
- HOSES WERE LEAKING.
- ACTUATOR WAS INOP.
- VALVES WERE LEAKING OR FROZEN.

NAVSEA S9593-C4-MMM-010  
CMU TECH MANUAL 0910-LP-596-0600  
MIP 5933/004-41

JSN :

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2GEP            PWP, COMPRESS MELT UNIT ELECTRICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: ELECT

COMPRESS MELT UNIT NR \_\_\_\_:

- INTERCONNECT CABLES AND/OR CONNECTORS WERE DAMAGED.
- MIT SWITCH (SPECIFY) WAS INOPERATIVE/MISALIGNED.
- RTD AND/OR O-T SWITCH (SPECIFY) WAS INOPERATIVE.
- INDICATOR LIGHTS WERE INOPERATIVE.
- ELECTRICAL PANEL HAD DAMAGED GASKETS.

CMU TECHNICAL MANUAL 0910-LP-596-060  
NAVSEA S9593-C4-MMM-010  
MIP 5933/004-41

JSN :

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2GEP            PWP, COMPRESS MELT UNIT GENERAL CONDITION:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SANITATION

COMPRESS MELT UNIT NR\_\_\_\_:

- HAD NOT BEEN SUFFICIENTLY CLEANED, OBSERVED WHEN THE FRONT  
DOOR, SIDE ACCESS PANELS AND CHAMBER DOORS WERE OPENED.
- PMS HAD NOT BEEN CONDUCTED.
- SHIP DID NOT HOLD THE REQUIRED PMS MRC(S).
- WAS EXCESSIVELY DIRTY.
- CHAMBER EXHIBITED EXCESSIVE SCORING.
- THE ACCESS PANELS WERE NOT ACCESSIBLE.

NAVSEA S9593-C4-MMM-010  
MIP 5933/004-41

JSN :

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2GEP            PWP, COMPRESS MELT UNIT ILS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PWP ILS



- SHIP DID NOT MAINTAIN A COPY OF THE MAINTENANCE MANUAL.
- SHIP DID NOT HOLD THE MIP FOR THE REQUIRED PMS.

CMU TECHNICAL MANUAL 0910-LP-596-0600  
NAVSEA S9593-C4-MMM-010

JSN :

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2GEP                PWP, COMPRESS MELT UNIT MECHANICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PWP

COMPRESS MELT UNIT NR\_\_\_\_:  
- SAFETY COVER ASSEMBLY COVER LATCH AND/OR GAS SHOCKS WERE MISSING/BROKEN.  
- RAM AND/OR CHAMBER CASING WERE DAMAGED.  
- PNEUMATIC ACTUATOR AND/OR HOSES WERE LEAKING/DAMAGED.  
- OPENING MECHANISM AND/OR TORSION SPRING WERE INOP.  
- CHAMBER BAND CLAMPS WERE DAMAGED/BROKEN/MISALIGNED.  
- COOLING HOSES AND/OR FITTINGS WERE LEAKING/DAMAGED.  
- BALL SCREW ACTUATOR AND/OR BOOT WAS WORN/DAMAGED/TORN.  
- SPEED REDUCER AND/OR UNIVERSAL WAS INOP.  
- DOOR LOCKING LUGS WERE IMPROPERLY ALIGNED/MISSING/DAMAGED.

CMU TECHNICAL MANUAL 0910-LP-596-060  
NAVSEA S9593-C4-MMM-010  
MIP 5933/004-41

JSN :

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2GEP                PWP, COMPRESS MELT UNIT VENTILATION:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: VENTILATION

COMPRESS MELT UNIT NR \_\_\_\_:  
- HAD INADEQUATE LP AIR SUPPLY.  
- LP AIR SUPPLY FILTER/SEPARATOR WAS CLOGGED.  
- HAD LP AIR SUPPLY OR COOLING WATER FLUSH DEFICIENCIES.  
- AIRFLOW SWITCH WAS INOPERATIVE.  
- GAUGES WERE INOPERATIVE.  
- DUCTING WAS DAMAGED.  
- VENTILATION DUCT CONTAINED WATER.  
- VENTILATION COMPONENTS WERE DAMAGED (SPECIFY).

CMU TECHNICAL MANUAL 0910-LP-596-060  
NAVSEA S9593-C4-MMM-010  
MIP 5933/004-41

JSN :

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2GEP                PWP, HEAT SEALER:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: HEAT SEALER

THE HEAT SEALER HAD THE FOLLOWING DEFICIENCIES:  
- WAS MISSING THE HEAT SEALER OPERATION PLACARD.

- WAS MISSING AN ODOR BARRIER BAG DISPENSER.
- WAS INOP.

OPNAVINST 5090.1B, CHAPTER 19  
AWI 1127  
NAVSEA DRAWING 6961450  
ECP 51-1345R1 (DDG 51 ONLY)

JSN :

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2GEP                PWP, PLASTIC WASTE SHREDDER, ELECTRICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PWP SHREDDER

THE PLASTIC WASTE SHREDDER:  
- ELECTRICAL CABLES AND CONNECTORS WERE DETERIORATED.  
- LIMIT SWITCHES WERE INOP.  
- VENTILATION SWITCH WAS INOP/DAMAGED.  
- ELECTRICAL PANEL COMPONENTS WERE DAMAGED.  
- MOTOR CURRENT WAS NOT WITHIN DESIGNED SPECIFICATIONS.

SHREDDER TECHNICAL MANUAL, S9593-C5-MMM-010  
OPNAVINST 5090.1B  
MIP 5933/008-41

JSN :

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2GEP                PWP, PLASTIC WASTE SHREDDER, GENERAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PWP SHREDDER

THE PLASTIC WASTE SHREDDER SORTING TRAY, SHREDDER CHAMBER,  
AND COLLECTION AREA HAD NOT BEEN SUFFICIENTLY CLEANED (R-1).

SHREDDER TECHNICAL MANUAL, S9593-C5-MMM-010  
OPNAVINST 5090.1B  
MIP 5933/008-41

JSN :

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2GEP                PWP, PLASTIC WASTE SHREDDER, MECHANICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PWP SHREDDER

THE PLASTIC SHREDDER HAD THE FOLLOWING DEFICIENCIES:  
- SORTING TRAY WAS DAMAGED  
- COLLECTION BIN DOORS/GASKETS WERE DETERIORATED.  
- THE CUTTER/SPACES WERE DAMAGED.  
- GREASE SEALS WERE LEAKING/DAMAGED.  
- BLOW OUT FLAPS WERE DAMAGED/IMPROPERLY INSTALLED.  
- DRIVE BELT AND/OR TENSIONER WERE WORN/BROKEN.  
- MOTOR WAS INOP.  
- COUPLING CHAIN WAS BROKEN.  
- INADEQUATE OIL LEVEL.  
- VENTILATION WAS INOP

- VENT DUCTS WERE DAMAGED.
- DRAIN LINES AND/OR SCREENS WERE CLOGGED/MISSING.

SHREDDER TECHNICAL MANUAL, S9593-C5-MMM-010  
OPNAVINST 5090.1B  
MIP 5933/008-41

JSN :

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2GEP                SOLID WASTE, DOCUMENT DESTRUCTOR:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: DOC DESTRUCTOR

- FRESH WATER WASHDOWN HOSE AND HOSE RACK WERE MISSING.
- CUTTING TEETH WERE RUSTED/CORRODED.
- FRESH WATER WASHDOWN THREADED HOSE CONNECTION WAS MISSING  
A BACKFLOW PREVENTOR.
- PLACARDS ON DISCHARGE RESTRICTION WERE MISSING.

SHIPSPEC 593  
NAVSEA 0936-LP-039-7010; 0936-039-7010; 0936-023-5010; OR  
0932-006-4011  
MIP 6561/007-50

JSN :

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2GEP                SOLID WASTE, EQUIPMENT ILS:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: EQUIP ILS

- OPERATING INSTRUCTIONS AND PRECAUTIONS WERE NOT POSTED ON  
THE PLASTICS PROCESSOR/SHREDDER/COMPRESS MELT UNIT/PULPER.
- (SPECIFY) TECHNICAL MANUALS WERE NOT AVAILABLE/PROVIDED  
FOR THE PLASTICS PROCESSOR/PULPER/SHREDDER/COMPRESS MELT  
UNIT.
- (SPECIFY) REQUIRED PMS NOT INSTALLED FOR THE FOLLOWING  
SOLID WASTE EQUIPMENT:

OPNAVINST 5090.1B, 19-7.3.1  
NAVSEA TECH MANUAL

S9593-C5-MMM-010	SOLID WASTE SHREDDER
S9593-C2-MMM-010	LARGE PULPER
S9593-CN-MMM-010	INCINERATOR
S9593-CG-MMC-010	INCINERATOR
S9593-C3-MMM-010	SMALL PULPER
S9593-C4-MMM-010	PLASTIC WASTE PROCESSOR

MIP'S

5933/003-A9	INCINERATOR
5933/004-41	PLASTIC WASTE PROCESSOR
5933/008-41	SOLID WASTE SHREDDER
5933/010-41	LARGE PULPER
5933/007-41	SMALL PULPER

JSN :

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2GEP            SOLID WASTE, GLASS/METAL SHREDDER, ELECTRICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SHREDDER

THE METAL/GLASS SHREDDER HAD THE FOLLOWING DEFICIENCIES:

- ELECTRICAL CABLES AND CONNECTORS WERE DETERIORATED.
- LIMIT SWITCHES WERE INOP.
- VENTILATION SWITCH WAS INOP/DAMAGED.
- ELECTRICAL PANEL COMPONENTS WERE DAMAGED.
- MOTOR CURRENT WAS NOT WITHIN DESIGNED SPECIFICATIONS.

GLASS/METAL SHREDDER TECHNICAL MANUAL  
NAVSEA S9593-C5-MMM-010  
MIP 5933/008-41

JSN :

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2GEP            SOLID WASTE, GLASS/METAL SHREDDER, GENERAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SHREDDER

THE METAL/GLASS SHREDDER:

- WAS IMPROPERLY INSTALLED.
- WAS EXCESSIVELY DIRTY AND WAS UNSANITARY.
- WAS MISSING PARTS (SPECIFY).
- THE EXTERIOR WAS SIGNIFICANTLY DETERIORATED.

GLASS/METAL SHREDDER TECHNICAL MANUAL  
NAVSEA S9593-C5-MMM-010  
MIP 5933/008-41

JSN :

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2GEP            SOLID WASTE, GLASS/METAL SHREDDER, MECHANICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: SHREDDER

THE METAL/GLASS SHREDDER HAD THE FOLLOWING DEFICIENCIES:

- SORTING TRAY WAS DAMAGED
- COLLECTION BIN DOORS/GASKETS WERE DETERIORATED.
- THE CUTTER/SPACES WERE DAMAGED.
- GREASE SEALS WERE LEAKING/DAMAGED.
- BLOW OUT FLAPS WERE DAMAGED/IMPROPERLY INSTALLED.
- DRIVE BELT AND/OR TENSIONER WERE WORN/BROKEN.
- MOTOR WAS INOP.
- COUPLING CHAIN WAS BROKEN.
- INADEQUATE OIL LEVEL.
- VENTILATION WAS INOP
- VENT DUCTS WERE DAMAGED.
- DRAIN LINES AND/OR SCREENS WERE CLOGGED/MISSING.

GLASS/METAL SHREDDER TECHNICAL MANUAL  
NAVSEA S9593-C5-MMM-010  
MIP 5933/008-41

JSN :

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2GEP            SOLID WASTE, LARGE PULPER, ELECTRICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PULPER

THE LARGE PULPER HAD THE FOLLOWING ELECTRICAL DEFICIENCIES:

- ELECTRICAL CABLES AND/OR CONNECTORS WERE DETERIORATED.
- PROXIMITY SWITCHES WERE BROKEN/INOP.
- CURRENT METER WAS FAULTY.
- INDICATOR LIGHTS WERE INOP.
- ENCLOSURE PANEL WAS DAMAGED.

PULPER TECHNICAL MANUAL NAVSEA S9593-C2-MMM-010  
MIP 5933/008-41

JSN :

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2GEP            SOLID WASTE, LARGE PULPER, GENERAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PULPER

THE LARGE PULPER HAD THE FOLLOWING DEFICIENCIES:

- INTERIOR AND EXTERIOR OF THE PULPER HAD NOT BEEN SUFFICIENTLY CLEANED.
- EXTERIOR WAS SIGNIFICANTLY CORRODED/DETERIORATED.
- PARTS WERE MISSING (SPECIFY).
- Y-STRAINER WAS MISSING/DAMAGED.
- AIR FILTER-WATER SEPARATOR WAS CLOGGED/DAMAGED.
- THE JUNK BOX HAD NOT BEEN EMPTIED AND RINSED.
- THE UNPULPED RESIDUE HAD NOT BEEN CLEANED FROM THE SLURRY CHAMBER.
- WAS NOT PROPERLY INSTALLED.

PULPER TECHNICAL MANUAL NAVSEA S9593-C2-MMM-010  
MIP 5933/010-41

JSN :

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2GEP            SOLID WASTE, LARGE PULPER, MECHANICAL:  
Serial # :    Loc :    RAC :  
W\C :        CSMP Name: PULPER

THE LARGE PULPER HAD THE FOLLOWING MECHANICAL DEFICIENCIES:

- IMPELLER AND/OR BLADES WERE BROKEN/DAMAGED.
- BELT DRIVE ASSEMBLY WAS DAMAGED.
- MOTOR WAS INOP.
- INADEQUATE LP AIR
- VENTILATION WAS DEGRADED AND/OR DUCTS WERE DAMAGED.
- VALVES WERE LEAKING (SPECIFY).
- DRAIN LINES WERE CLOGGED.
- THERE WAS INADEQUATE WATER PRESSURE.

PULPER TECHNICAL MANUAL NAVSEA S9593-C2-MMM-010

MIP 5933/010-41

JSN :

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2GEP            SOLID WASTE, PULPER BACKFLOW PREVENTION:

Serial # :    Loc :    RAC :

W\C :        CSMP Name: BACKFLOW

PULPER POTABLE WATER CONNECTIONS WERE NOT EQUIPPED WITH  
BACKFLOW PREVENTORS.

NSTM 533

JSN :

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2GEP            SOLID WASTE, SMALL PULPER, ELECTRICAL:

Serial # :    Loc :    RAC :

W\C :        CSMP Name: PULPER

THE SMALL PULPER HAD THE FOLLOWING ELECTRICAL DEFICIENCIES:

- ELECTRICAL CABLES AND/OR CONNECTORS WERE DETERIORATED.
- PROXIMITY SWITCHES WERE BROKEN/INOP.
- CURRENT METER WAS FAULTY.
- INDICATOR LIGHTS WERE INOP.
- ENCLOSURE PANEL WAS DAMAGED.

PULPER TECHNICAL MANUAL NAVSEA S9593-C3-MMM-010

MIP 5933/007-41

JSN :

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2GEP            SOLID WASTE, SMALL PULPER, GENERAL:

Serial # :    Loc :    RAC :

W\C :        CSMP Name: PULPER

THE SMALL PULPER HAD THE FOLLOWING DEFICIENCIES:

- INTERIOR AND EXTERIOR OF THE PULPER HAD NOT BEEN  
SUFFICIENTLY CLEANED.
- EXTERIOR WAS SIGNIFICANTLY CORRODED/DETERIORATED.
- PARTS WERE MISSING (SPECIFY).
- Y-STRAINER WAS MISSING/DAMAGED.
- AIR FILTER-WATER SEPARATOR WAS CLOGGED/DAMAGED.
- THE JUNK BOX HAD NOT BEEN EMPTIED AND RINSED.
- THE UNPULPED RESIDUE HAD NOT BEEN CLEANED FROM THE SLURRY  
CHAMBER.
- WAS NOT PROPERLY INSTALLED.

PULPER TECHNICAL MANUAL NAVSEA S9593-C3-MMM-010

MIP 5933/007-41

JSN :

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2GEP            SOLID WASTE, SMALL PULPER, MECHANICAL:

Serial # :    Loc :    RAC :

W\C : CSMP Name: PULPER

THE SMALL PULPER HAD THE FOLLOWING MECHANICAL DEFICIENCIES:

- IMPELLER AND/OR BLADES WERE BROKEN/DAMAGED.
- BELT DRIVE ASSEMBLY WAS DAMAGED.
- MOTOR WAS INOP.
- THE PULPER HAD INADEQUATE LP AIR
- VENTILATION WAS DEGRADED AND/OR DUCTS WERE DAMAGED.
- VALVES WERE LEAKING (SPECIFY).
- DRAIN LINES CLOGGED.
- INADEQUATE WATER PRESSURE.

PULPER TECHNICAL MANUAL NAVSEA S9593-C3-MMM-010  
MIP 5933/007-41

JSN :

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2GEP SOLID WASTE, TRASH DISPOSAL ROOM:

Serial # : Loc : RAC :

W\C : CSMP Name: TRASH ROOM

THE TRASH DISPOSAL ROOM LACKED THE FOLLOWING EQUIPMENT:

- HEAT SEALER.
- HEAT SEALER OPERATION PLACARD.
- ODOR BARRIER BAG DISPENSER.
- SOAP AND TOWEL DISPENSER.
- HOSE RACKS/HOSE.
- TRASH COMPACTOR OPERATING PLACARD.
- CUT-OUT SWITCHES.
- CO2 EXTINGUISHER.
- OVERHEAD AND BULKHEAD SHEATHING.
- CLEAN-UP GEAR LOCKER.

OPNAVINST 5090.1B, CHAPTER 19  
NAVSEA S9593-C6-IIN-010  
AWI 1127  
ECP 51-1345R1 (DDG 51 ONLY)

JSN :

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2GEP SOLID WASTE, TRASH ROOM SANITATION:

Serial # : Loc : RAC :

W\C : CSMP Name: SANITATION

THE SOLID WASTE STAGING, PROCESSING, AND STORAGE AREAS HAD THE FOLLOWING SANITATION DEFICIENCIES:

- SHIP WAS NOT MAINTAINING CLEANLINESS OF SOURCE SORTING AREAS (BERTHING, GALLEY, WORK CENTERS), OF STAGING AREAS, PROCESSING AREAS, AND DISK STORAGE AREAS (SPECIFY).
- DECKING AROUND, BEHIND, AND UNDERNEATH ALL EQUIPMENT WAS NOT PROPERLY CLEANED (SPECIFY).
- DECKING IN STAGING, PROCESSING, AND STORAGE AREAS WERE DAMAGED.
- DECK DRAINS AND TRAPS WERE NOT PROPERLY CLEANED AND/OR DID NOT DRAIN ADEQUATELY.
- WASTE WAS NOT BEING PROPERLY STORED.
- BULKHEAD AND OVERHEAD SHEATHING WAS NOT INTACT, SEALED,

AND/OR FREE FROM VERMIN.

- PLASTIC DISKS/PLASTICS WERE NOT BEING PROPERLY STORED IN SEALED ODOR BARRIER BAGS AND/OR WHICH ARE SOILED ON THE OUTSIDE (SPECIFY).

NSWCCD-TR-63-97/25 SHIPBOARD SOLID WASTE MANAGEMENT GUIDE  
NAVSEA S9593-C2, C3, C4 & C5-MMM-010

JSN :

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2GEP TRASH INCINERATOR, OPERATING PROCEDURES:  
Serial # : Loc : RAC :  
W\C : CSMP Name: INCINERATOR OP

INCINERATOR OPERATING PROCEDURES WERE NOT POSTED OR WERE INCORRECT.

INCINERATOR TECH MANUAL NAVSEA S9593-CN-MMA-010 OR  
S9593-CG-MMC-010

JSN :

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2GEP TRASH INCINERATOR, OPERATION:  
Serial # : Loc : RAC :  
W\C : CSMP Name: INCINERATOR

THE INCINERATOR HAD THE FOLLOWING DEFICIENCIES:  
- WAS INOPERABLE (SPECIFY REASONS).  
- FAILED TO REACH EFFICIENT OPERATING TEMPERATURE.  
- FAILED TO SHUT DOWN WHEN THE OPERATING TEMPERATURE WAS EXCEEDED.  
- SAFETY INTERLOCKS WERE DEFECTIVE/INOPERABLE/BY-PASSED.  
- HAD THE FOLLOWING MATERIAL DEFICIENCIES (SPECIFY):

INCINERATOR TECH MANUAL NAVSEA S9593-CN-MMA-010 OR  
S9593-CG-MMC-010

JSN :

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2GEP TRASH INCINERATOR, WARNING PLACARD:  
Serial # : Loc : RAC :  
W\C : CSMP Name: INCINERATOR

AN OPERATIONAL AND HEALTH WARNING PLACARD WAS NOT POSTED IN A CONSPICUOUS PLACE IN EACH INCINERATOR ROOM. THE WARNING PLACARD SHOULD CONTAIN THE FOLLOWING INFORMATION:

" THE INCINERATOR USES 440 VOLTS. PERSONAL CONTACT WITH ENERGIZED WIRING CAN BE FATAL. OPERATORS SHALL WEAR FLAME RESISTANT GLOVES, GOGGLES, AND FACE SHIELDS WHEN FEEDING SOLID WASTE INTO THE INCINERATOR. INSPECT ALL SOLID WASTE TO BE FED INTO THE INCINERATOR FOR POTENTIALLY EXPLOSIVE MATERIALS. MATERIAL SUCH AS HIGHLY FLAMMABLE LIQUIDS, AMMUNITION, AEROSOL CANS AND CLOSED, AIR TIGHT CONTAINERS MUST NOT BE FED INTO THE INCINERATOR. NEVER EXTEND ANY PART OF THE BODY INTO THE FIRE DOOR OPENING WHILE THE INCINERATOR IS ENERGIZED. DO NOT OVERFEED THE INCINERATOR. ENSURE THAT



ALL COMBUSTIBLE MATERIAL HAS COMPLETELY BURNED OUT PRIOR TO  
SECURING THE INCINERATOR".

NSTM 602H

JSN :

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